					DEPARTME	NT OF NA	OF UTAH ATURAL RES GAS AND M			AMEN	FC DED REPOR	RM 3	
		AP	PLICATION F	OR P	PERMIT TO DRILL				1. WELL NAME and N	1. WELL NAME and NUMBER GMBU G-1-9-17			
2. TYPE O	F WORK	DRILL NEW WELL	REENTE	R P&A	WELL DEEPE	EN WELL ()		3. FIELD OR WILDCA				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO									5. UNIT or COMMUNI	TIZATION GMBU		ENT NAM	1E
6. NAME O	OF OPERATOR				TION COMPANY				7. OPERATOR PHON	E	, ,		
8. ADDRE	SS OF OPERAT	OR							9. OPERATOR E-MAI	L	6-4825		
10. MINER	AL LEASE NUM	BER	Rt 3 Box 363		ton, UT, 84052 11. MINERAL OWNE	RSHIP			12. SURFACE OWNER		newfield.co	m	
(FEDERAL	., INDIAN, OR S	TATE) UTU-79014			- CEN	NDIAN 🧧) STATE (FEE	FEDERAL IN	IDIAN 🦲	STATE		EE 🔵
13. NAME	OF SURFACE	OWNER (if box 12 :	= 'fee')						14. SURFACE OWNE	R PHONE	(if box 12	= 'fee')	
15. ADDR	ESS OF SURFA	CE OWNER (if box	12 = 'fee')						16. SURFACE OWNE	R E-MAIL	. (if box 12	! = 'fee')	
	N ALLOTTEE O	R TRIBE NAME			18. INTEND TO COM		PRODUCTION	NFROM	19. SLANT				
(IT BOX 12 = INDIAN)							gling Applicati	ion) NO 📵	VERTICAL DI	RECTION	AL 📵 H	HORIZON	TAL 🔵
20. LOC	TION OF WELL	-		FOC	OTAGES	Q.	TR-QTR	SECTION	TOWNSHIP	R	ANGE	М	ERIDIAN
LOCATIO	N AT SURFACE		67	9 FNL	1981 FWL		NENW	1	9.0 S	1	7.0 E		S
Top of U	ppermost Prod	lucing Zone	122	22 FNL	_ 1666 FWL	1666 FWL NENW		1	9.0 S	1	7.0 E		S
At Total	Depth		146	60 FNL	1392 FWL		SENW	1	9.0 S	1	7.0 E		S
21. COUN	TY	UINTAH			22. DISTANCE TO N		EASE LINE (F 392	eet)	23. NUMBER OF ACR		ILLING UN	IT	
					25. DISTANCE TO N (Applied For Drillin	g or Com		POOL	26. PROPOSED DEPT		TVD: 593	18	
27. ELEV	ATION - GROUN	ID LEVEL		-	28. BOND NUMBER				29. SOURCE OF DRIL			DDI ICAR	1.5
		5028					000493		WATER RIGHTS AFFI		478	TELICAB	LL
String	Hole Size	Casing Size	Length	Wei	Hole, Casir		Cement Info		Cement		Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24	_		8.3		Class G		138	1.17	15.8
Prod	7.875	5.5	0 - 6066	15		T&C	8.3		Premium Lite High Strength		281	3.26	11.0
									50/50 Poz		363	1.24	14.3
		1	1		1	ATTACH	HMENTS	*					•
	VER	RIFY THE FOLLO	WING ARE AT	ΓΤΑCΙ	HED IN ACCORDA	ANCE WI	TH THE UT	AH OIL AND G	AS CONSERVATION (SENERA	L RULES		
₩ w	ELL PLAT OR M	AP PREPARED BY I	LICENSED SUR\	/EYOR	OR ENGINEER		COMPLETE DRILLING PLAN						
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							№ торо	OGRAPHICAL MA	P				
NAME Heather Calder TITLE Production Technician							1		PHONE 435 646-493	36			
SIGNATU	RE				DATE 07/17/2013	3			EMAIL hcalder@new	field.com			
	BER ASSIGNED)4753897(APPROVAL			P	ermit Manager				
					1								

NEWFIELD PRODUCTION COMPANY GMBU G-1-9-17 AT SURFACE: NE/NW SECTION 1, T9S R17E UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' - 3,815' Green River 3,815' Wasatch 6,190'

Proposed TD 6,066'(MD) 5,938' (TVD)

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation (Oil) 3,815' – 6,190'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Sodium (Na) (mg/l)

Dissolved Carbonate (CO₃) (mg/l)

Dissolved Bicarbonate (NaHCO₃) (mg/l)

Dissolved Sulfate (SO₄) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

RECEIVED: July 17, 2013

4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU G-1-9-17

Size	Interval		Weight	Grade	Coupling	Design Factors			
Size	Тор	Bottom	weigni	Grade	Coupling	Burst	Collapse	Tension	
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	U	300	24.0	J-35	310	17.53	14.35	33.89	
Prod casing	0, 0,001		45.5		LTC	4,810	4,040	217,000	
5-1/2"	0'	6,066'	15.5	15.5 J-55		2.49	2.09	2.31	

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU G-1-9-17

Job	Fill	Description	Sacks ft ³	OH Excess*	Weight (ppg)	Yield (ft³/sk)	
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17	
Prod casing	4,066'	Prem Lite II w/ 10% gel + 3%	281	30%	11.0	3.26	
Lead	4,000	KCI	916	30 /0	11.0	3.20	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	3076	14.3	1.24	

^{*}Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL</u>:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. <u>TESTING, LOGGING AND CORING PROGRAMS</u>:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

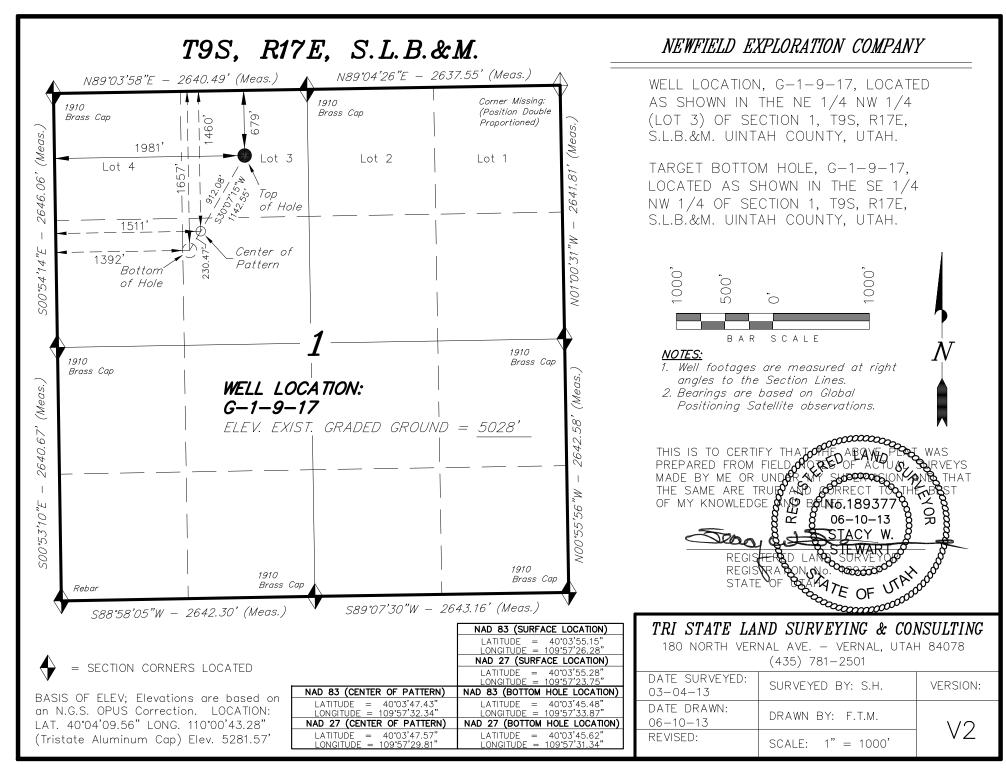
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

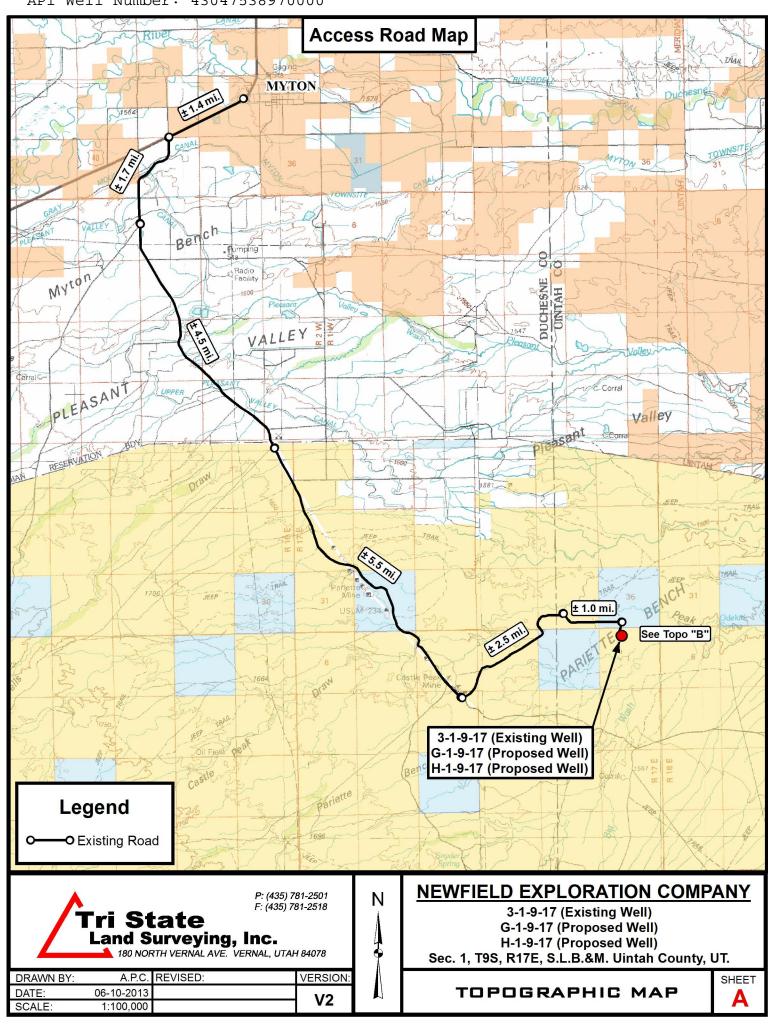
bottomhole pressure will approximately equal total depth in feet multiplied by a $0.433~\mathrm{psi/foot}$ gradient.

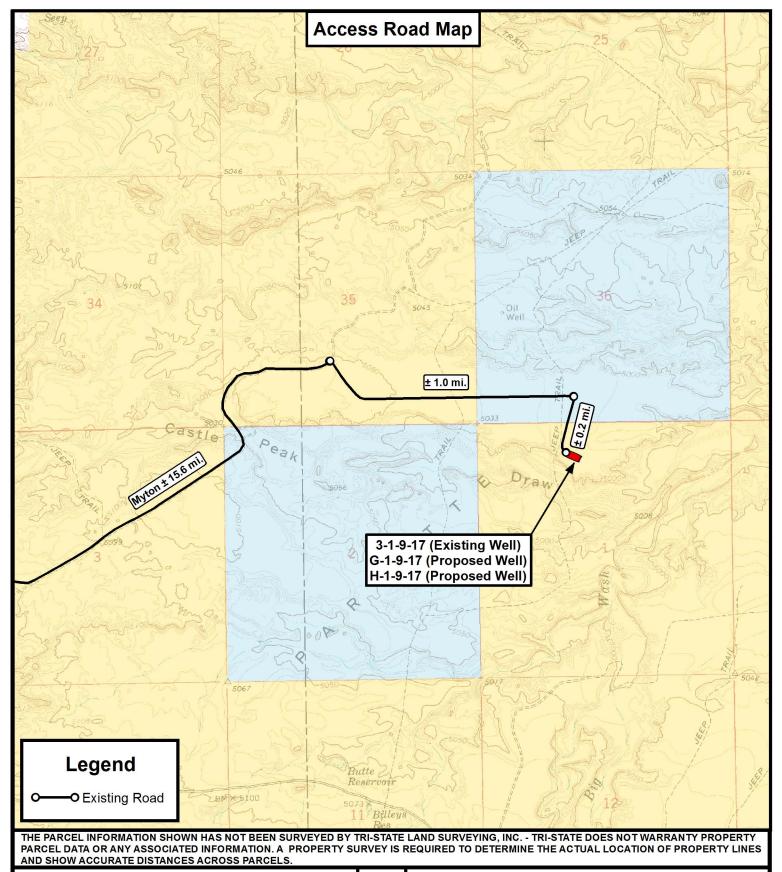
10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:</u>

It is anticipated that the drilling operations will commence the fourth quarter of 2013, and take approximately seven (7) days from spud to rig release.

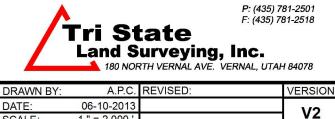
RECEIVED: July 17, 2013







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1 " = 2,000

SCALE

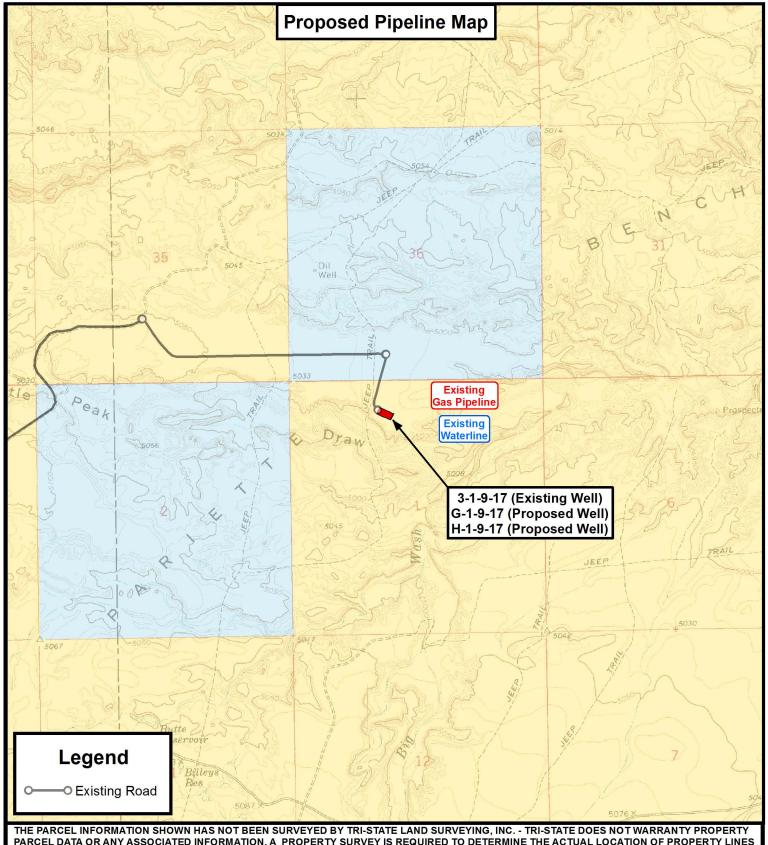
NEWFIELD EXPLORATION COMPANY

3-1-9-17 (Existing Well) G-1-9-17 (Proposed Well) H-1-9-17 (Proposed Well)

Sec. 1, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP





PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Ν



P: (435) 781-2501 F: (435) 781-2518

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

DRAWN BY	A.P.C.	REVISED:	VERSION:
DATE:	06-10-2013		
SCALE:	1 " = 2,000 '		V2

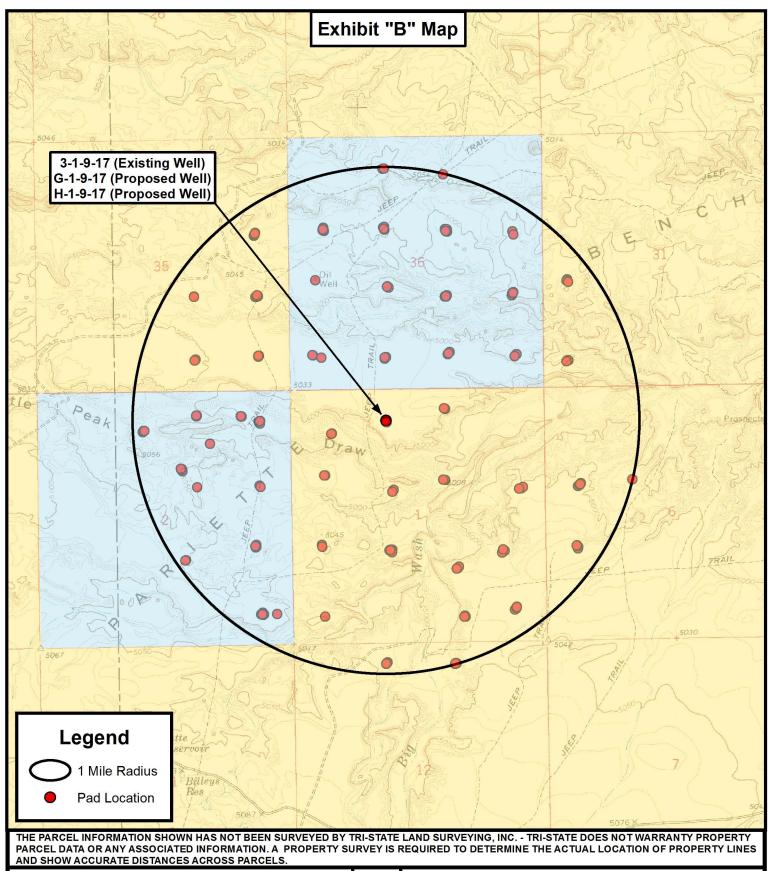
NEWFIELD EXPLORATION COMPANY

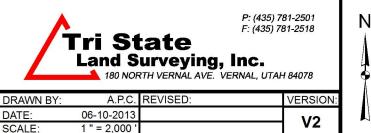
3-1-9-17 (Existing Well) G-1-9-17 (Proposed Well) H-1-9-17 (Proposed Well) Sec. 1, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET







NEWFIELD EXPLORATION COMPANY

3-1-9-17 (Existing Well) G-1-9-17 (Proposed Well) H-1-9-17 (Proposed Well) Sec. 1, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP



	Coordinate Report									
Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)							
3-1-9-17	Surface Hole	40° 03' 55.35" N	109° 57' 26.36" W							
G-1-9-17	Surface Hole	40° 03' 55.15" N	109° 57' 26.28" W							
H-1-9-17	Surface Hole	40° 03' 54.95" N	109° 57' 26.20" W							
G-1-9-17	Center of Pattern	40° 03' 47.43" N	109° 57' 32.34" W							
H-1-9-17	Center of Pattern	40° 03' 49.20" N	109° 57' 18.50" W							
G-1-9-17	Bottom of Hole	40° 03' 45.48" N	109° 57' 33.87" W							
H-1-9-17	Bottom of Hole	40° 03' 47.75" N	109° 57' 16.56" W							
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)							
3-1-9-17	Surface Hole	40.065375	109.957323							
G-1-9-17	Surface Hole	40.065319	109.957300							
H-1-9-17	Surface Hole	40.065264	109.957277							
G-1-9-17	Center of Pattern	40.063176	109.958983							
H-1-9-17	Center of Pattern	40.063667	109.955140							
G-1-9-17	Bottom of Hole	40.062634	109.959409							
H-1-9-17	Bottom of Hole	40.063263	109.954599							
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Mete							
3-1-9-17	Surface Hole	4435534.068	588918.525							
G-1-9-17	Surface Hole	4435527.835	588920.522							
H-1-9-17	Surface Hole	4435521.723	588922.620							
G-1-9-17	Center of Pattern	4435288.280	588779.764							
H-1-9-17	Center of Pattern	4435346.638	589106.917							
G-1-9-17	Bottom of Hole	4435227.750	588744.197							
H-1-9-17	Bottom of Hole	4435302.353	589153.533							
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)							
3-1-9-17	Surface Hole	40° 03' 55.48" N	109° 57' 23.83" W							
G-1-9-17	Surface Hole	40° 03' 55.28" N	109° 57' 23.75" W							
H-1-9-17	Surface Hole	40° 03' 55.08" N	109° 57' 23.66" W							
G-1-9-17	Center of Pattern	40° 03' 47.57" N	109° 57' 29.81" W							
H-1-9-17	Center of Pattern	40° 03' 49.33" N	109° 57' 15.97" W							
G-1-9-17	Bottom of Hole	40° 03' 45.62" N	109° 57' 31.34" W							
H-1-9-17	Bottom of Hole	40° 03' 47.88" N	109° 57' 14.03" W							



V2

DRAWN BY:

VERSION:

DATE:

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A.P.C.	REVISED:
06-10-2013	

NEWFIELD EXPLORATION COMPANY

3-1-9-17 (Existing Well) G-1-9-17 (Proposed Well) H-1-9-17 (Proposed Well)

Sec. 1, T9S, R17E, S.L.B.&M. Uintah County, UT.

COORDINATE REPORT

SHEET

	Coordina	ate Report	
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
3-1-9-17	Surface Hole	40.065412	109.956620
G-1-9-17	Surface Hole	40.065356	109.956597
H-1-9-17	Surface Hole	40.065301	109.956573
G-1-9-17	Center of Pattern	40.063213	109.958280
H-1-9-17	Center of Pattern	40.063704	109.954437
G-1-9-17	Bottom of Hole	40.062671	109.958705
H-1-9-17	Bottom of Hole	40.063300	109.953896
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters
3-1-9-17	Surface Hole	4435328.752	588980.793
G-1-9-17	Surface Hole	4435322.519	588982.790
H-1-9-17	Surface Hole	4435316.407	588984.888
G-1-9-17	Center of Pattern	4435082.964	588842.035
H-1-9-17	Center of Pattern	4435141.323	589169.185
G-1-9-17	Bottom of Hole	4435022.434	588806.469
H-1-9-17	Bottom of Hole	4435097.038	589215.801
	P: (435) 781-2501 F: (435) 781-2518 1te veying, Inc. VERNAL AVE. VERNAL, UTAH 84078	3-1-9-17 (Ex G-1-9-17 (Pro	pposed Well) pposed Well)

 DRAWN BY:
 A.P.C.
 REVISED:

 DATE:
 06-10-2013

 VERSION:
 V2

Sec. 1, T9S, R17E, S.L.B.&M. Uintah County, UT.

COORDINATE REPORT

SHEET

2



NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 1 T9S, 17E G-1-9-17

Wellbore #1

Plan: Design #1

Standard Planning Report

08 June, 2013





Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 1 T9S, 17E

 Well:
 G-1-9-17

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well G-1-9-17

G-1-9-17 @ 5038.0ft (Original Well Elev) G-1-9-17 @ 5038.0ft (Original Well Elev)

True

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983
Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

System Datum:

Mean Sea Level

Site SECTION 1 T9S, 17E

7,193,565.95 ft Northing: Latitude: 40° 3' 28.710 N Site Position: Lat/Long Easting: 2,072,254.87 ft 109° 57' 25.530 W From: Longitude: **Position Uncertainty:** 0.0 ft Slot Radius: Grid Convergence: 0.99

G-1-9-17, SHL LAT: 40 03 55.15 LONG: -109 57 26.28 Well **Well Position** +N/-S 2,675.3 ft Northing: 7,196,239.79 ft Latitude: 40° 3' 55.150 N +E/-W -58.3 ft 2,072,150.42 ft 109° 57' 26.280 W Easting: Longitude: **Ground Level: Position Uncertainty** 0.0 ft Wellhead Elevation: 5,038.0 ft 5,028.0 ft

Wellbore #1 Wellbore Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) 65.78 IGRF2010 6/8/2013 11.02 52,104

Design Design #1 Audit Notes: PROTOTYPE Version: Phase: Tie On Depth: 0.0 **Vertical Section:** Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 0.0 0.0 210.12

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,475.3	13.13	210.12	1,467.6	-86.4	-50.1	1.50	1.50	0.00	210.12	
5,051.1	13.13	210.12	4,950.0	-788.9	-457.7	0.00	0.00	0.00	0.00	G-1-9-17 TGT
6,065.6	13.13	210.12	5,938.0	-988.3	-573.3	0.00	0.00	0.00	0.00	

RECEIVED: July 17, 2013



Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 1 T9S, 17E

 Well:
 G-1-9-17

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well G-1-9-17

G-1-9-17 @ 5038.0ft (Original Well Elev) G-1-9-17 @ 5038.0ft (Original Well Elev)

True

Minimum Curvature

Design:	Design #1								
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	210.12	700.0	-1.1	-0.7	1.3	1.50	1.50	0.00
800.0	3.00	210.12	799.9	-4.5	-2.6	5.2	1.50	1.50	0.00
900.0	4.50	210.12	899.7	-10.2	-5.9	11.8	1.50	1.50	0.00
1 000 0	6.00	210.12	000.3	10.1	10 F	20.0	1.50	1 50	0.00
1,000.0 1,100.0	6.00 7.50	210.12 210.12	999.3 1,098.6	-18.1 -28.3	-10.5 -16.4	20.9 32.7	1.50 1.50	1.50 1.50	0.00 0.00
1,200.0	9.00	210.12	1,197.5	-20.5 -40.7	-23.6	47.0	1.50	1.50	0.00
1,300.0	10.50	210.12	1,296.1	-55.3	-32.1	64.0	1.50	1.50	0.00
1,400.0	12.00	210.12	1,394.2	-72.2	-41.9	83.5	1.50	1.50	0.00
1,475.3	13.13	210.12	1,467.6	-86.4	-50.1	99.8	1.50	1.50	0.00
1,500.0 1,600.0	13.13 13.13	210.12 210.12	1,491.7 1,589.1	-91.2 -110.9	-52.9 -64.3	105.5 128.2	0.00 0.00	0.00 0.00	0.00 0.00
1,700.0	13.13	210.12	1,686.5	-130.5	-04.3 -75.7	150.9	0.00	0.00	0.00
1,800.0	13.13	210.12	1,783.9	-150.5	-73.7 -87.1	173.6	0.00	0.00	0.00
1,900.0	13.13	210.12	1,881.3	-169.8	-98.5	196.3	0.00	0.00	0.00
2,000.0	13.13	210.12	1,978.6	-189.5	-109.9	219.0	0.00	0.00	0.00
2,100.0 2,200.0	13.13 13.13	210.12 210.12	2,076.0 2,173.4	-209.1 -228.8	-121.3 -132.7	241.7 264.5	0.00 0.00	0.00 0.00	0.00 0.00
2,300.0	13.13	210.12	2,173.4	-226.6 -248.4	-132. <i>1</i> -144.1	287.2	0.00	0.00	0.00
2,400.0	13.13	210.12	2,368.2	-268.0	-155.5	309.9	0.00	0.00	0.00
2,500.0	13.13	210.12	2,465.6	-287.7	-166.9	332.6	0.00	0.00	0.00
2,600.0 2,700.0	13.13 13.13	210.12 210.12	2,563.0 2,660.3	-307.3 -327.0	-178.3 -189.7	355.3 378.0	0.00 0.00	0.00 0.00	0.00 0.00
2,800.0	13.13	210.12	2,757.7	-346.6	-109.7	400.8	0.00	0.00	0.00
2,900.0	13.13	210.12	2,855.1	-366.3	-212.5	423.5	0.00	0.00	0.00
3,000.0	13.13	210.12	2,952.5	-385.9	-223.9	446.2	0.00	0.00	0.00
3,100.0 3,200.0	13.13 13.13	210.12 210.12	3,049.9 3,147.3	-405.6 -425.2	-235.3 -246.7	468.9 491.6	0.00 0.00	0.00 0.00	0.00 0.00
3,300.0	13.13	210.12	3,244.7	-425.2 -444.9	-240.7 -258.1	514.3	0.00	0.00	0.00
3,400.0	13.13	210.12	3,342.0	-464.5	-269.5	537.0	0.00	0.00	0.00
3,500.0	13.13	210.12	3,439.4	-484.2	-280.9	559.8	0.00	0.00	0.00
3,600.0 3,700.0	13.13 13.13	210.12 210.12	3,536.8 3,634.2	-503.8 -523.5	-292.3 -303.7	582.5 605.2	0.00 0.00	0.00 0.00	0.00 0.00
3,800.0	13.13	210.12	3,731.6	-523.5 -543.1	-303.7 -315.1	627.9	0.00	0.00	0.00
3,900.0	13.13	210.12	3,829.0	-562.8	-326.5	650.6	0.00	0.00	0.00
4,000.0 4,100.0	13.13	210.12 210.12	3,926.4 4,023.8	-582.4 -602.1	-337.9 -349.3	673.3 696.0	0.00	0.00 0.00	0.00 0.00
4,100.0	13.13 13.13	210.12	4,023.8 4,121.1	-602.1 -621.7	-349.3 -360.7	718.8	0.00 0.00	0.00	0.00
4,300.0	13.13	210.12	4,218.5	-641.4	-372.1	741.5	0.00	0.00	0.00
4,400.0 4,500.0	13.13	210.12 210.12	4,315.9	-661.0	-383.5 -394.9	764.2 786.9	0.00 0.00	0.00	0.00 0.00
4,500.0	13.13 13.13	210.12 210.12	4,413.3 4,510.7	-680.6 -700.3	-394.9 -406.3	786.9 809.6	0.00	0.00 0.00	0.00
4,700.0	13.13	210.12	4,608.1	-700.3 -719.9	-400.3 -417.7	832.3	0.00	0.00	0.00
4,800.0	13.13	210.12	4,705.5	-739.6	-429.1	855.0	0.00	0.00	0.00
4,900.0			4,802.8	-759.2	-440.5		0.00	0.00	0.00
5,000.0	13.13 13.13	210.12 210.12	4,802.8 4,900.2	-759.2 -778.9	-440.5 -451.9	877.8 900.5	0.00	0.00	0.00
5,051.1	13.13	210.12	4,950.2	-778.9 -788.9	-451.9 -457.7	912.1	0.00	0.00	0.00
5,100.0	13.13	210.12	4,997.6	-798.5	-463.3	923.2	0.00	0.00	0.00
5,100.0	10.10	-10.12	1,007.0	, 50.0	+00.0	320.2	0.00	0.00	0.00



Payzone Directional

Planning Report



Database: Company: Project: Site: EDM 2003.21 Single User Db NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 1 T9S, 17E

 Well:
 G-1-9-17

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well G-1-9-17

G-1-9-17 @ 5038.0ft (Original Well Elev) G-1-9-17 @ 5038.0ft (Original Well Elev)

True

Minimum Curvature

ned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	13.13	210.12	5,095.0	-818.2	-474.7	945.9	0.00	0.00	0.00
5,300.0	13.13	210.12	5,192.4	-837.8	-486.1	968.6	0.00	0.00	0.00
5,400.0	13.13	210.12	5,289.8	-857.5	-497.5	991.3	0.00	0.00	0.00
5,500.0	13.13	210.12	5,387.2	-877.1	-508.9	1,014.0	0.00	0.00	0.00
5,600.0	13.13	210.12	5,484.5	-896.8	-520.3	1,036.8	0.00	0.00	0.00
5,700.0	13.13	210.12	5,581.9	-916.4	-531.7	1,059.5	0.00	0.00	0.00
5,800.0	13.13	210.12	5,679.3	-936.1	-543.1	1,082.2	0.00	0.00	0.00
5,900.0	13.13	210.12	5,776.7	-955.7	-554.5	1,104.9	0.00	0.00	0.00
6,000.0	13.13	210.12	5,874.1	-975.4	-565.9	1,127.6	0.00	0.00	0.00
6,065.6	13.13	210.12	5,938.0	-988.3	-573.3	1,142.5	0.00	0.00	0.00

RECEIVED: July 17, 2013

API Well Number: 43047538970000 Project: USGS Myton SW (UT)



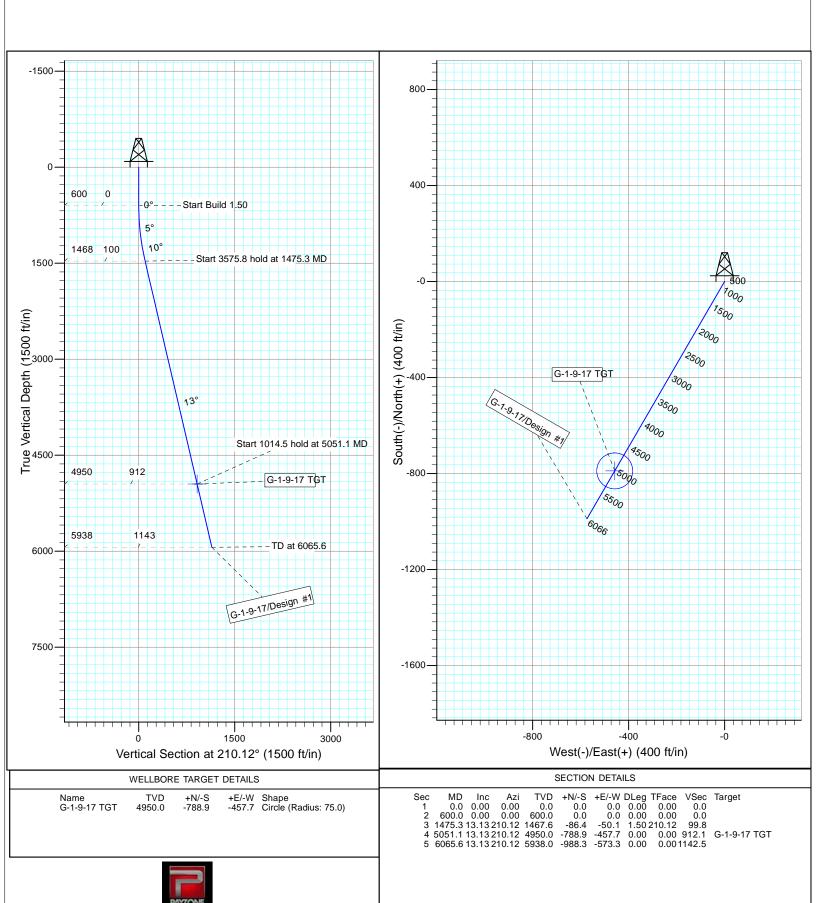
Site: SECTION 1 T9S, 17E

Well: G-1-9-17 Wellbore: Wellbore #1 Design: Design #1



Azimuths to True North Magnetic North: 11.02°

Magnetic Field Strength: 52104.2snT Dip Angle: 65.78° Date: 6/8/2013 Model: IGRF2010



NEWFIELD PRODUCTION COMPANY GMBU G-1-9-17 AT SURFACE: NE/NW SECTION 1, T9S R17E UINTAH COUNTY, UTAH ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU G-1-9-17 located in the NE 1/4 NW 1/4 Section 1, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction - 11.7 miles \pm to it's junction with an existing road to the Northeast; proceed in a northeasterly direction - 2.5 miles \pm to it's junction with an existing road to the east; proceed in a easterly direction - 1.0 miles \pm to it's junction with the beginning of the access road to the existing 3-1-9-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 3-1-9-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

- All pits will be fenced or have panels installed consistent with the following minimum standards:
 - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 - Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 - 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Bureau of Land Management.

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-102 6/14/13, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-93, May 2013. See attached report cover pages, Exhibit "D".

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU G-1-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU G-1-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. <u>LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:</u>

Representative

Name: Corie Miller

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

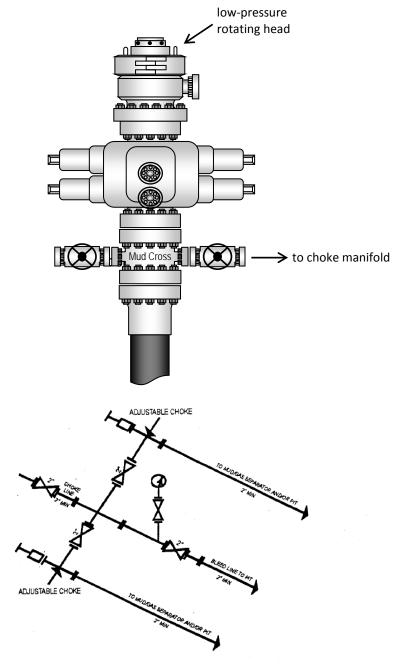
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-1-9-17, Section 1, Township 9S, Range 17E: Lease UTU-79014 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

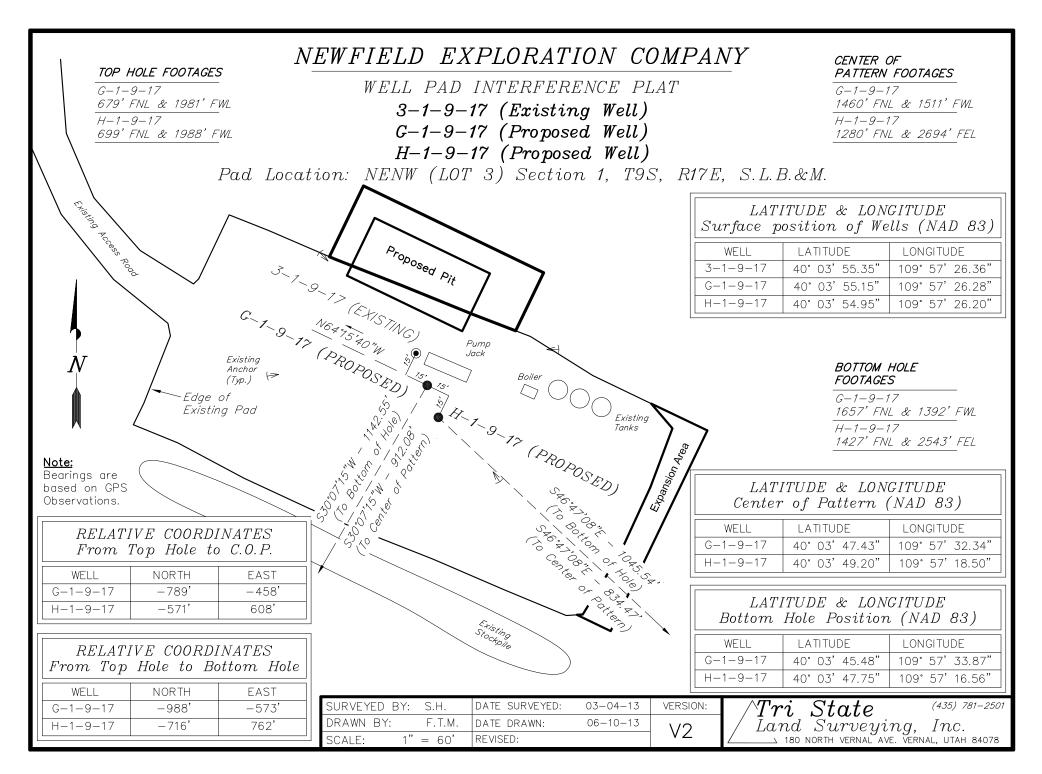
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/17/13	
Date	Heather Calder
	Production Technician
	Newfield Production Company

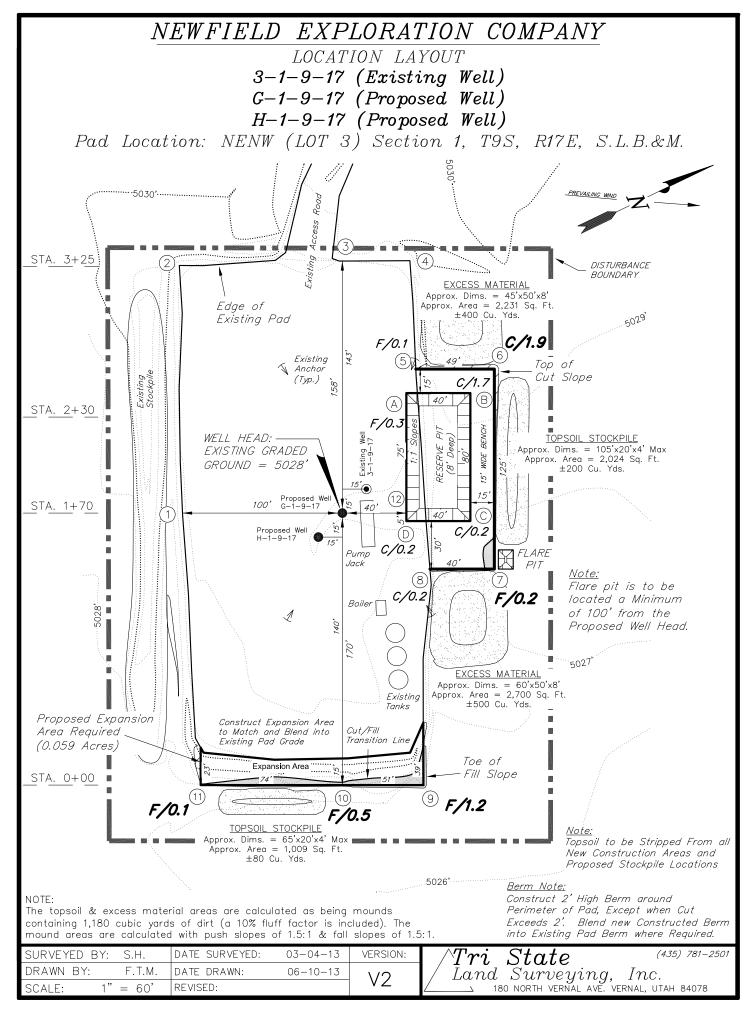
Typical 2M BOP stack configuration

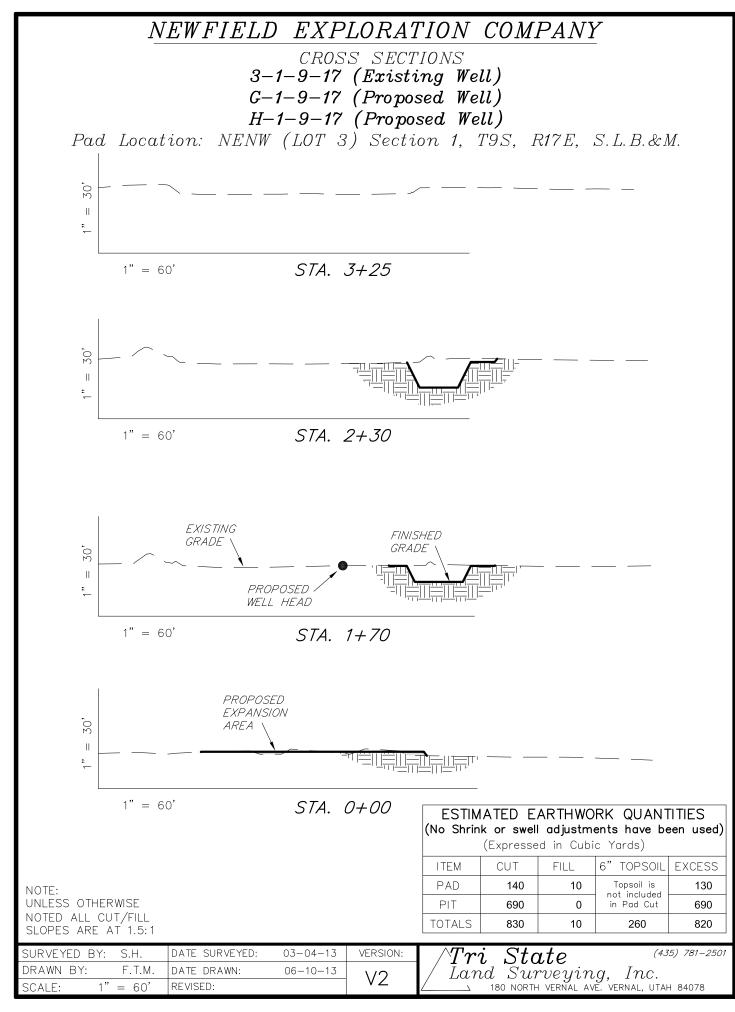


2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY



RECEIVED: July 17, 2013





NEWFIELD EXPLORATION COMPANY

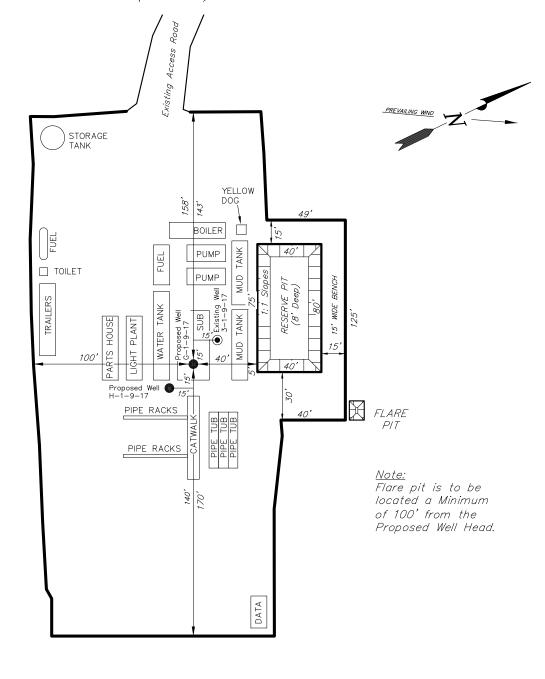
TYPICAL RIG LAYOUT

3-1-9-17 (Existing Well)

G-1-9-17 (Proposed Well)

H-1-9-17 (Proposed Well)

Pad Location: NENW (LOT 3) Section 1, T9S, R17E, S.L.B.&M.



SURVEYED BY:	S.H.	DATE SURVEYED:	03-04-13	VERSION:	$\wedge Tri$ $State$ (435) 781–2501
DRAWN BY:	F.T.M.	DATE DRAWN:	06-10-13	77	/ Land Surveying, Inc.
SCALE: 1"	= 60'	REVISED:		٧∠	180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY RECLAMATION LAYOUT 3-1-9-17 (Existing Well) G-1-9-17 (Proposed Well) H-1-9-17 (Proposed Well) Pad Location: NENW (LOT 3) Section 1, T9S, R17E, S.L.B.&M. Reclaimed Area DISTURBANCE Proposed BOUNDARY Unreclaimed Area 3-1-9-17 G-1-9-17 H-1-9-17 (Reclaimed Area DISTURBED AREA: 1. Reclaimed Area to Include Seeding of Approved Vegetation TOTAL DISTURBED AREA = ± 2.35 ACRES and Sufficient Storm Water Management System. TOTAL RECLAIMED AREA = ± 1.74 ACRES 2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions. UNRECLAIMED AREA $= \pm 0.61$ ACRES $Tri~State~^{ ext{(4.35)}}$ 781-.Land~Surveying,~Inc.SURVEYED BY: S.H. DATE SURVEYED: 03-04-13 (435) 781-2501 VERSION: DRAWN BY: 06-10-13 F.T.M. DATE DRAWN: SCALE: REVISED: 1" = 60'

NEWFIELD EXPLORATION COMPANY

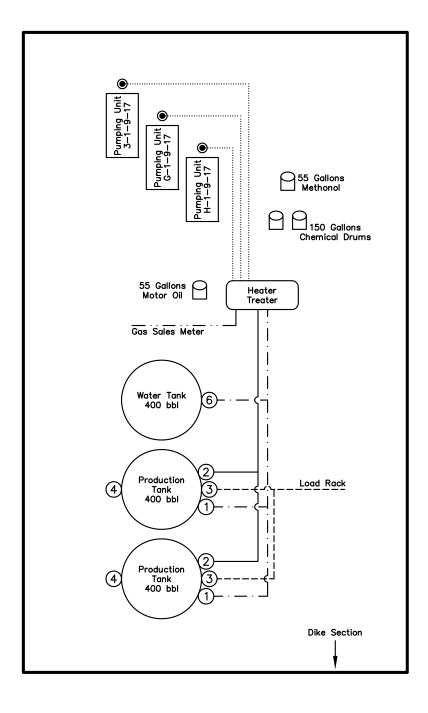
PROPOSED SITE FACILITY DIAGRAM

3-1-9-17 UTU-79014

G-1-9-17 UTU-79014

H-1-9-17 UTU-79014

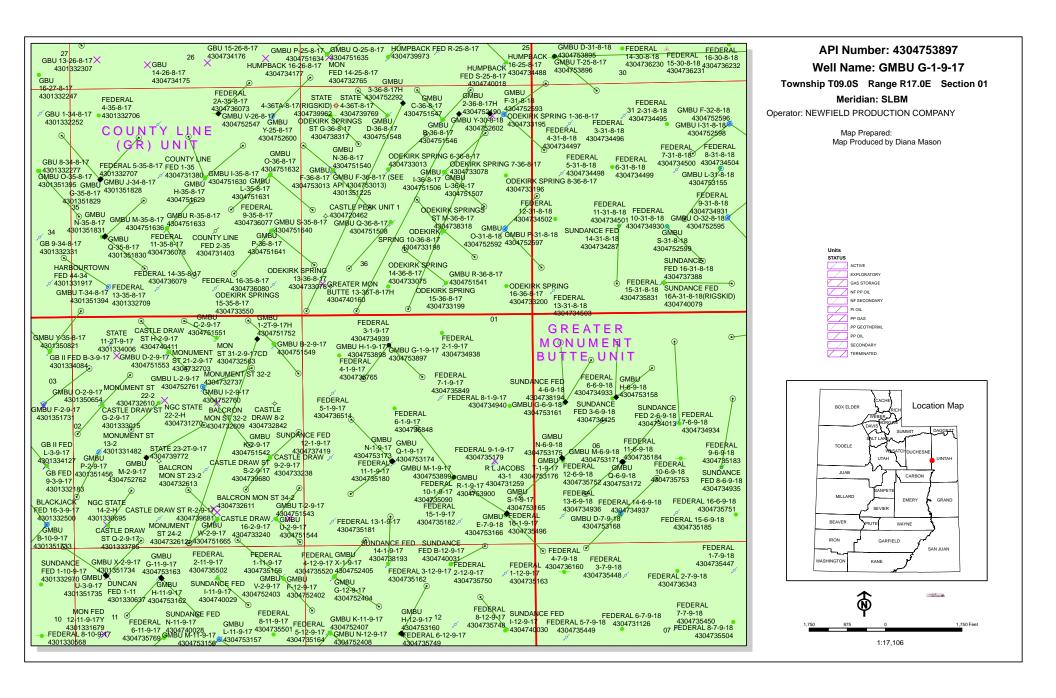
Pad Location: NENW (LOT 3) Section 1, T9S, R17E, S.L.B.&M. Uintah County, Utah



Legend

NOT TO SCALE

SURVEYED BY:	S.H.	DATE SURVEYED:	03-04-13	VERSION:	$\wedge Tri$ $State$ (435) 781-2501	
DRAWN BY:	F.T.M.	DATE DRAWN:	06-10-13	1/2	/ Land Surveying, Inc.	
SCALE:	NONE	REVISED:		٧Z	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office 440 West 200 South, Suite 500 Salt Lake City, UT 84101

IN REPLY REFER TO: 3160 (UT-922)

July 22, 2013

Memorandum

Assistant Field Office Manager Minerals, To:

Vernal Field Office

Michael Coulthard, Petroleum Engineer From:

Subject: 2013 Plan of Development Greater Monument

Butte Unit, Duchesne and Uintah Counties,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API # WELL NAME LOCATION

(Proposed PZ GREEN RIVER)

43-013-52310 GMBU N-27-8-17 Sec 27 T08S R17E 1890 FSL 1905 FWL BHL Sec 27 T08S R17E 2412 FNL 1218 FWL

43-013-52311 GMBU R-27-8-17 Sec 27 T08S R17E 1874 FSL 1919 FWL

BHL Sec 27 T08S R17E 1157 FSL 2490 FEL

43-013-52312 GMBU C-3-9-17 Sec 03 T09S R17E 0975 FNL 1618 FEL BHL Sec 03 T09S R17E 0102 FNL 2381 FWL

43-013-52313 GMBU H-3-9-17 Sec 03 T09S R17E 0995 FNL 1626 FEL BHL Sec 03 T09S R17E 1308 FNL 2624 FEL

43-013-52314 GMBU W-3-9-17 Sec 10 T09S R17E 0679 FNL 1965 FEL BHL Sec 03 T09S R17E 0170 FSL 2532 FWL

43-013-52315 GMBU H-10-9-17 Sec 10 T09S R17E 0697 FNL 1954 FEL

BHL Sec 10 T09S R17E 1629 FNL 2636 FEL

43-047-53895 GMBU D-31-8-18 Sec 30 T08S R18E 0662 FSL 0535 FWL BHL Sec 31 T08S R18E 0158 FNL 1482 FWL

RECEIVED: July 23, 2013

Page 2

API # WELL NAME LOCATION

(Proposed PZ GREEN RIVER)

43-047-53896 GMBU T-25-8-17 Sec 30 T08S R18E 0647 FSL 0521 FWL BHL Sec 25 T08S R17E 1368 FSL 0195 FEL 43-047-53897 GMBU G-1-9-17 Sec 01 T09S R17E 0679 FNL 1981 FWL BHL Sec 01 T09S R17E 1460 FNL 1392 FWL Sec 01 T09S R17E 0699 FNL 1988 FWL 43-047-53898 GMBU H-1-9-17 BHL Sec 01 T09S R17E 1427 FNL 2543 FEL 43-047-53899 GMBU M-1-9-17 Sec 01 T09S R17E 1555 FSL 1840 FEL BHL Sec 01 T09S R17E 2600 FNL 2602 FWL 43-047-53901 GMBU V-34-8-18 Sec 03 T09S R18E 0779 FNL 0671 FEL BHL Sec 34 T08S R18E 0202 FSL 1495 FEL 43-047-53902 GMBU E-2-9-18 Sec 03 T09S R18E 0791 FNL 0654 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2013.07.22 15:52:46-06'00'

BHL Sec 02 T09S R18E 0011 FNL 0322 FWL

bcc: File - Greater Monument Butte Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron

Fluid Chron

MCoulthard:mc:7-22-13

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/17/2013	API NO. ASSIGNED:	4304/5389/0000

WELL NAME: GMBU G-1-9-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER: 435 646-4936

CONTACT: Heather Calder

PROPOSED LOCATION: NENW 01 090S 170E Permit Tech Review:

SURFACE: 0679 FNL 1981 FWL Engineering Review:

BOTTOM: 1460 FNL 1392 FWL Geology Review:

✓

COUNTY: UINTAH

LATITUDE: 40.06531 **LONGITUDE**: -109.95736

UTM SURF EASTINGS: 588916.00 **NORTHINGS:** 4435526.00

FIELD NAME: EIGHT MILE FLAT LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-79014 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 1 - Federal COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

✓ PLAT

✓ R649-2-3.

✓ Bond: FEDERAL - WYB000493

✓ Unit: GMBU (GRRV)

✓ Potash

✓ R649-3-2. General

✓ Oil Shale 190-5

✓ Oil Shale 190-3

✓ Drilling Unit

Water Permit: 437478 Board Cause No: Cause 213-11

RDCC Review: Effective Date: 11/30/2009

Fee Surface Agreement Siting: Suspends General Siting

Intent to Commingle

✓ R649-3-11. Directional Drill

Commingling Approved

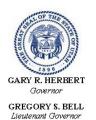
Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason

27 - Other - bhill

RECEIVED: July 25, 2013



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU G-1-9-17 **API Well Number:** 43047538970000

Lease Number: UTU-79014 Surface Owner: FEDERAL Approval Date: 7/25/2013

Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

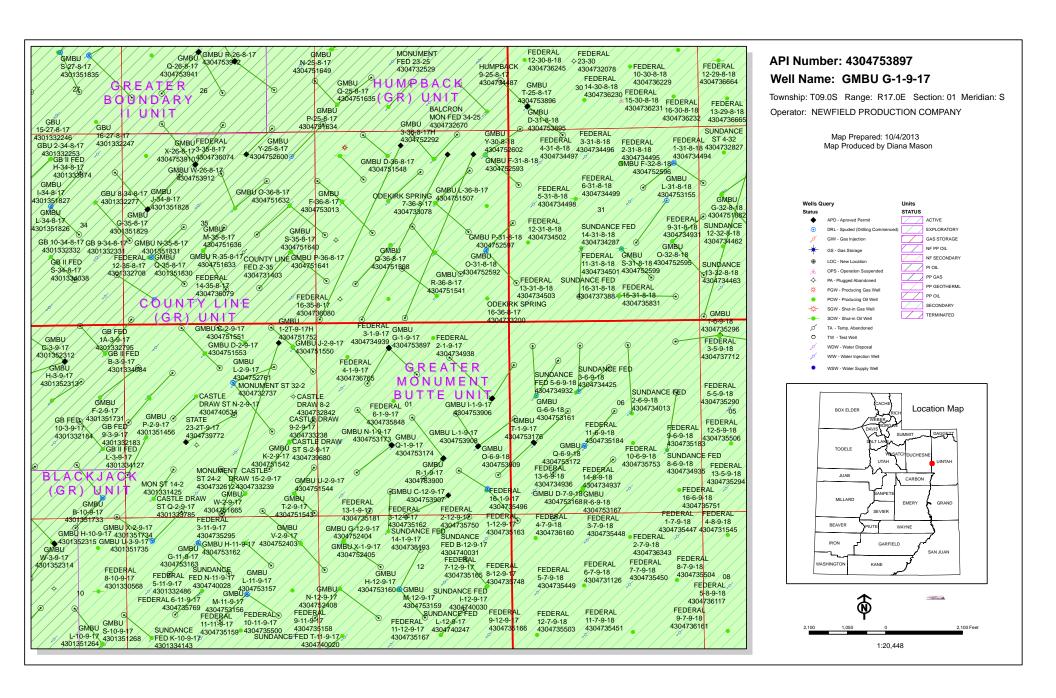
- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) due prior to implementation
 - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Sundry Number: 42831 API Well Number: 43047538970000

	FORM 9						
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79014						
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)						
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU G-1-9-17						
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43047538970000						
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0679 FNL 1981 FWL	COUNTY: UINTAH						
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NENW Section:	STATE: UTAH						
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION				
9/23/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT		7					
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER: APD Bottom hole correction				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The bottom hole on the APD is listed as 1460' FNL 1392' FWL. It should be 1657' FNL 1392' FWL. A plat is attached for verification. Utah Division of Oil, Gas and Mining							
			Date: October 07, 2013				
			By: Bacyll				
NAME (PLEASE PRINT) Heather Calder	PHONE NUMBE 435 646-4936	R TITLE Production Technician					
SIGNATURE		DATE					
N/A		9/23/2013					

Sundry Number: 42831 API Well Number: 43047538970000





VIA ELECTRONIC DELIVERY

Newfield Exploration Company

1001 17th Street | Suite 2000 Denver, Colorado 80202 PH 303-893-0102 | FAX 303-893-0103

July 29, 2013

State of Utah, Division of Oil, Gas and Mining ATTN: Diana Mason P.O. Box 145801 Salt Lake City, UT 84114-5801

RE:

Directional Drilling

GMBU G-1-9-17

Greater Monument Butte (Green River) Unit

Surface Hole:

T9S-R17E Section 1: Lot 3 (NENW) (UTU-79014)

679' FNL 1981' FWL

At Target:

T9S-R17E Section 1: SENW (UTU-79014)

1657' FNL 1392' FWL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 7/18/2013, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing preexiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,

Newfield Production Company

Leslie Burget

Leslie Burget Land Associate

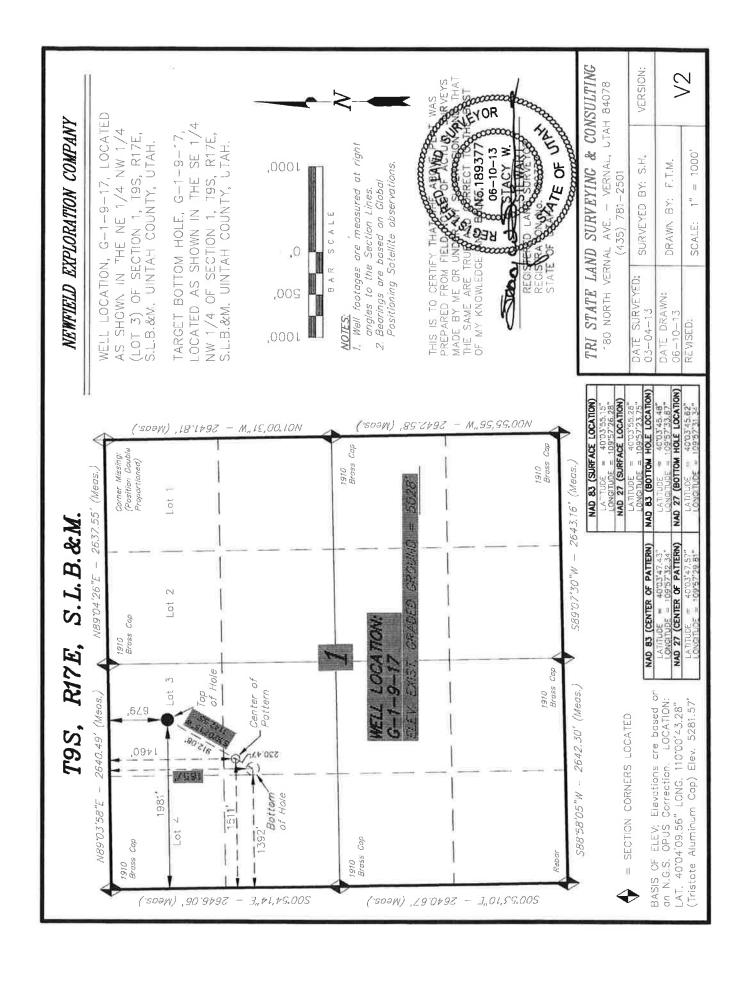
Form 3160-3 (August 2007) UNITED ST			FORM APPR OMB No. 100 Expires July 3	4-0136	
DEPARTMENT OF T BUREAU OF LAND N			5. Lease Serial No. UTU79014		
APPLICATION FOR PERMIT	TO DRILL OR RE	ENTER	6. If Indian, Allottee or Tribe	Name	
1a. Type of Work: 🛛 DRILL 🔲 REENTER	4		7. If Unit or CA Agreement, GMBU	Name and No.	
Ib. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oth	er Singl	le Zone	8. Lease Name and Well No. GMBU G-1-9-17		
2. Name of Operator Contact: NEWFIELD EXPLORATION E-Mail: hcalder@	HEATHER CALDER newfield.com	२	9. API Well No.		
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (includ Ph: 435-646-4936 Fx: 435-646-3031	3	10. Field and Pool, or Explor MONUMENT BUTTE		
4. Location of Well (Report location clearly and in accorda	nce with any State requir	rements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area	
At surface NENW Lot 3 679FNL 1981	FWL		Sec 1 T9S R17E Mer	SLB	
At proposed prod. zone SENW 1657FNL 1392FWL					
14. Distance in miles and direction from nearest town or post of 16.8 MILES SOUTH OF MYTON, UT	stance in miles and direction from nearest town or post office* 8 MILES SOUTH OF MYTON, UT				
15. Distance from proposed location to nearest property or	16. No. of Acres in Le	ease	17. Spacing Unit dedicated to	this well	
lease line, ft. (Also to nearest drig. unit line, if any) 1392'	400.09		20.00		
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on f	ile	
830'	6066 MD 5938 TVD		WYB000493		
21. Elevations (Show whether DF, KB, RT, GL, etc. 5028 GL	22. Approximate date 09/01/2013	work will start	23. Estimated duration 7 DAYS		
	24. Atta	achments			
The following, completed in accordance with the requirements o	f Onshore Oil and Gas O	order No. 1, shall be attached to t	his form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off 	Item 20 above). 5. Operator certification	ns unless covered by an existing formation and/or plans as may b			
25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CAL	DER Ph: 435-646-4936		Date 07/18/2013	
Title PRODUCTION TECHNICIAN					
Approved by (Signature)	Name (Printed/Typed))		Date	
Title	Office				
Application approval does not warrant or certify the applicant ho operations thereon. Conditions of approval, if any, are attached.	lds legal or equitable titl	e to those rights in the subject le	ase which would entitle the app	licant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, states any false, fictitious or fraudulent statements or representate	nake it a crime for any p ions as to any matter wit	erson knowingly and willfully to thin its jurisdiction.	make to any department or age	ency of the United	

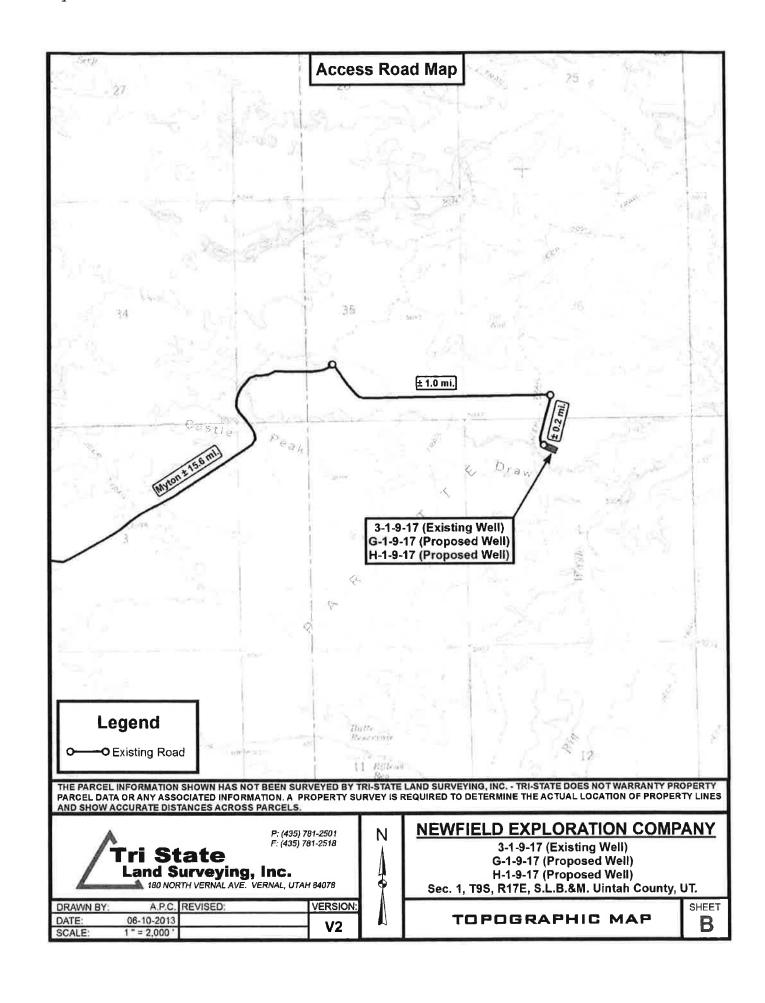
Additional Operator Remarks (see next page)

Electronic Submission #214005 verified by the BLM Well Information System For NEWFIELD EXPLORATION, sent to the Vernal

Additional Operator Remarks:

SURFACE HOLE LEASE:UTU79014 BOTTOM HOLE LEASE:UTU79014





Form 3160-3 (August 2007)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT JUL 2 2 2013

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

		DI	A
		Di	I۱
LICATION FOR PE	RMIT TO DRILL	L OR REENTER 🐃	

5. Lease Serial No. UTU79014

APPLICATION FOR PERMIT	TO DRILL OR RE	ENTER	6. If Indian, Allottee or Trib	e Name
la. Type of Work: DRILL REENTER			7. If Unit or CA Agreement UTU87538X	, Name and No.
lb. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Ot	her 🔀 Sing	gle Zone	8. Lease Name and Well No GMBU G-1-9-17).
2. Name of Operator Contact: NEWFIELD EXPLORATION COMPANA: hcalder	HEATHER CALDE @newfield.com	R	9. API Well No. 43 047 53	291
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (inclu- Ph: 435-646-493 Fx: 435-646-493	6	10. Field and Pool, or Explo MONUMENT BUTTE	
4. Location of Well (Report location clearly and in accorded	ance with any State requ	irements.*)	11. Sec., T., R., M., or Blk.	and Survey or Area
At surface Lot 3 679FNL 1981FWL 40 At proposed prod. zone SENW 1657FNL 1392FWL	·		Sec 1 T9S R17E Me SME: BLM	r SLB
14. Distance in miles and direction from nearest town or post 16.8 MILES SOUTH OF MYTON, UT	office*		12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in L	ease	17. Spacing Unit dedicated t	o this well
1392'	400.09		20.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on	file
830'	6066 MD 5938 TVD		WYB000493	oma ma
21. Elevations (Show whether DF, KB, RT, GL, etc. 5028 GL	22. Approximate date 09/01/2013	work will start	23. Estimated duration 7 DAYS	ECEIVED
****	24. Atta	achments	J.	AN 3 2014
The following, completed in accordance with the requirements o 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off	em Lands, the	4. Bond to cover the operation Item 20 above). 5. Operator certification 6. Such other site specific infrauthorized officer.	DIV, Of ns unless covered by an existing	
25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CAL	DER Ph: 435-646-4936		Date 07/18/2013
Title PRODUCTION TECHNICIAN				
Approved by (Signature)	Name (Printed/Typed)	Jerry Kencz	ka	DEC 2 3 2013
Title Assistant Field Manager	Office VERN	AL FIELD OFFICE		

Additional Operator Remarks (see next page)

ands & Mineral Resources

Conditions of approval, if any, are attached.

Electronic Submission #214005 verified by the BLM Well Information System For NEWFIELD EXPLORATION COMPANY, sent to the Vernal Committed to AFMSS for processing by JOHNETTA MAGEE on 07/23/2013 (13) 1024

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights in the specific property of the applicant holds legal or equitable title to those rights and the specific property of the applicant holds legal or equitable title to those rights are specific property or the specific property of the applicant holds legal or equitable title to those rights are specific property or the applicant holds legal or equitable title to those rights are specific property or the applicant holds legal or equitable title to those rights are specific property or the applicant holds legal or equitable title to those rights are specific property or the applicant holds.

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No: **Newfield Production Company**

170 South 500 East

GMBU G-1-9-17

43-047-53897

Location: Lease No: LOT 3, Sec. 1, T9S, R17E

UTU-79014

Agreement:

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

STANDARD STIPULATIONS

Minerals and Paleontology

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Green River District Reclamation Guidelines

The Operator will comply with the requirements of the *Green River District (GRD) Reclamation Guidelines* formalized by Green River District Instructional Memo UTG000-2011-003 on March 28, 2011.

Documentation of the compliance will be as follows:

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that
 designates the proposed site-specific monitoring and reference sites chosen for the location. A
 description of the proposed sites shall be included, as well as a map showing the locations of the
 proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3
 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed
 areas in order to determine whether the BLM standards set forth in the GRD Reclamation
 Guidelines have been met (30% or greater basal cover).
- Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the GRD Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants;

Page 3 of 9 Well: GMBU G-1-9-17

12/19/2013

4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

CONDITIONS OF APPROVAL

Threatened, Endangered and BLM Sensitive Plants

- No Sclerocactus sp. individuals will be located within the survey buffer distances set out in the section of the biological assessment entitled Preliminary Threatened and Endangered Plant Survey.
- Additional Measures** intended to reduce the environmental impact found within the October 2011 Biological Assessment.

** Applicant-Committed Environmental Protection Measures

The following applicant-committed environmental protection measures (ACEPMs) would be applied to all 20-acre Infill Development activities on BLM lands.

- Newfield would apply water or other BLM-approved dust suppression at construction sites and on roads, as necessary, to abate fugitive dust.
- Well site telemetry would be utilized as feasible for production operations.
- Removal and disturbance of vegetation would be kept to a minimum through construction site
 management (e.g., using previously disturbed areas and existing easements where feasible,
 placing pipelines adjacent to roads, limiting well pad expansion, etc.). In addition, all areas not
 utilized for the operational phase of the project would be reclaimed.
- In an effort to ensure that project activities do not increase the existence of invasive or noxious weeds in Area 5 Project Area, Newfield would prepare a Weed Control Plan. Specific pieces of the plan would include:
 - o Preparation of a Pesticide Use Proposal.
 - o Following the construction phase and drilling phase for each well, all disturbed surface would be monitored annually for the presence of noxious weeds. If monitoring shows increases in the presence of noxious weeds, Newfield would be responsible for treating these areas. Noxious plant control measures (mechanical, cultural, chemical) would be conducted before seed set. Monitoring and treatment would be conducted annually until reclamation and weed ratification was deemed successful by the BLM.
- Areas used for soil storage would be stripped of topsoil before soil placement.
- Appropriate erosion control and re-vegetation measures would be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading would be used to minimize slopes and rip rap or water bars would be installed on disturbed slopes. Erosion control efforts would be monitored by Newfield and, if necessary, modifications would be made to control erosion.
- Newfield would inform their employees, contractors, and subcontractors of the potential impacts that can result from accidental spills, as well as the appropriate actions to take if a spill occurs.
- Newly constructed pipelines would be pressure tested to evaluate structural soundness and reduce the potential for leaks.
- Newfield would provide portable sanitation facilities at drill sites, place trash cages at each
 construction site to collect and store garbage and refuse, and ensure that all garbage and refuse is
 transported to a State-approved sanitary landfill for disposal.

Discovery Stipulation: Re-initiation of Section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Pariette cactus or Uinta Basin hookless cactus is anticipated as a result of project activities.

Page 4 of 9 Well: GMBU G-1-9-17 12/19/2013

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.
- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- If it is anticipated that construction or drilling will occur during Mountain plover nesting season (May 1 June 15), a BLM biologist will be notified to determine if surveys are necessary prior to beginning operations. If surveys are deemed necessary, depending on the results permission to proceed may or may not, be granted by the BLM Authorized Officer.
- The proposed project is within 1/4 mile of a borrowing owl nest(s). If construction or drilling is proposed from March 1-August 31 then a nest survey will be conducted by a qualified biologist. If the nest is found to be inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.
- The proposed project is within 1/2 mile of a ferruginous hawk nest(s). If construction or drilling is proposed from March 1-August 31 then a nest survey will be conducted by a qualified biologist. If the nest is found to be inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.

For protection of T&E Fish if drawing water from the Green River

- The best method to avoid entrainment is to pump from an off-channel location one that
 does not connect to the river during high spring flows. An infiltration gallery constructed in a
 service approved location is best.
- If the pump head is located in the river channel the following stipulations apply:
 - 1. Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes.
 - 2. Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 1).
 - 3. Limit the amount of pumping, to the greatest extent possible, during the midnight hours (10pm to 2 am), as larval drift studies indicate that this is a period of greatest

Page 5 of 9 Well: GMBU G-1-9-17 12/19/2013

daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.

- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures should follow the National Marine Fisheries
 Service's document "fish screening criteria for anadromous salmonids". For projects with an
 in-stream intake that operate in stream reaches where larval fish may be present, the
 approach velocity should not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen or entrained into irrigation canals to the service (801.975.3330) or the Utah Division of Wildlife Resources:

Northeastern Region 318 North Vernal Ave, Vernal, UT 84078 Phone: (435)781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO₂ National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas—fired drill rigs, installation of NO_X controls, time/use restrictions, and/or drill rig spacing.
- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horse power must not emit more than 2 grams of NO_X per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO_X per horsepower-hour.
- Green completions will be used for all well completion activities where technically feasible.
- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

Page 6 of 9 Well: GMBU G-1-9-17 12/19/2013

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

Site Specific Drilling Plan COA's:

 Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Greater Monument Butte Green River Development Program", Feb 16, 2012). The operator shall also comply with applicable laws and regulations; with lease terms Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the, authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

Page 7 of 9 Well: GMBU G-1-9-17 12/19/2013

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 8 of 9 Well: GMBU G-1-9-17 12/19/2013

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on
 which the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

Page 9 of 9 Well: GMBU G-1-9-17 12/19/2013

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79014
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU G-1-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43047538970000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0679 FNL 1981 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 01 Township: 09.0S Range: 17.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
7/25/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:		1	
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Nopon Suite	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all	pertinent details including dates, o	depths, volumes, etc.
	to extend the Application for F		
			Oil, Gas and Mining
			Date:
			By: Bacylll
NAME (PLEASE PRINT)	PHONE NUMBER		
Mandie Crozier SIGNATURE	435 646-4825	Regulatory Tech DATE	
N/A		7/10/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047538970000

API: 43047538970000 **Well Name:** GMBU G-1-9-17

Location: 0679 FNL 1981 FWL QTR NENW SEC 01 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/25/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
nature: Mandie Crozier Date: 7/10/2014

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79014
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU G-1-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43047538970000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0679 FNL 1981 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 01 Township: 09.0S Range: 17.0E Merio	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud: 10/31/2014	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
_	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
On 10/31/14 Drill at 12 1/4" hole. P/U a On 11/4/2014 ceme	COMPLETED OPERATIONS. Clearly show and set 10' of 14" conductor. and run 7 joints of 8 5/8" calent with Halliburton w/155 s rned 3 bbls to surface and b	Drill f/10' to 341' KB of sing set depth 329'KB. x of 15.8# 1.19 yield G	
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMB 435 646-4883	ER TITLE Drilling Techinacian	
SIGNATURE N/A		DATE 11/4/2014	

Sundry Number: 57445 API Well Number: 43047538970000 **NEWFIELD** Casing Conductor Legal Well Name Wellbore Name GMBU G-1-9-17 Original Hole API/UWI Surface Legal Location Well Type Well Configuration Type 43047538970000 Slant NENW (Lot 6) 679 FNL 1981 FWL Sec 1 T9S R17E GMBU CTB8 Development Well RC State/Province Spud Date Final Rig Release Date Duchesne 500360882 Utah Wellbore Kick Off Depth (ftKB) Original Hole End Date Section Des Size (in) Actual Top Depth (MD) (ftKB) Actual Bottom Depth (MD) (ftKB) Start Date Conductor 14 11 21 10/31/2014 10/31/2014 Wellhead Install Date Service Comment Wellhead Components Make Model SN WP Top (psi) Casing Casing Description Set Depth (ftKB) Run Date Set Tension (kips) Conductor 21 10/31/2014 Centralizers Scratchers **Casing Components** Mk-up Tq Item Des Max OD (in) OD (in) ID (in) Wt (lb/ft) Grade Top Thread Len (ft) Top (ftKB) Btm (ftKB) Class Jts Conductor 13.500 36.75 H-40 Welded 1 10.00 11.0 Jewelry Details **External Casing Packer** etting Requirement nflation Method Vol Inflation (gal) Equiv Hole Sz (in) ECP Load (1000lbf) Inflation Fluid Type Infl Fl Dens (lb/gal) P ICV Act (psi) Seal Load (1000lbf) P AV Set (psi) AV Acting Pressure (psi) P ICV Set (psi) Slotted Liner % Open Area (%) Perforation Min Dimension (in) Perforation Max Dimension (in) Axial Perf Spacing (ft) Perf Rows Blank Top Length (ft) Blank Bottom Length (ft) Slot Description Slot Frequency Slot Pattern Slot Length (in) Slot Width (in) Screen Gauge (ga) Liner Hanger Retrievable? Elastomer Type Element Center Depth (ft) Polish Bore Size (in) Polish Bore Length (ft) Slip Description Set Mechanics Setting Procedure Unsetting Procedure

Sundry Number: 57445 API Well Number: 43047538970000 **NEWFIELD** Casing **Surface** Legal Well Name Wellbore Name GMBU G-1-9-17 Original Hole API/UWI Surface Legal Location Well Type Well Configuration Type 43047538970000 NENW (Lot 6) 679 FNL 1981 FWL Sec 1 T9S R17E GMBU CTB8 Slant Development Well RC State/Province Spud Date Final Rig Release Date 500360882 Duchesne Utah Wellbore Kick Off Depth (ftKB) Original Hole Section Des Size (in) Actual Top Depth (MD) (ftKB) Actual Bottom Depth (MD) (ftKB) Start Date End Date Conductor 14 21 10/31/2014 10/31/2014 Vertical 12 1/4 21 341 10/31/2014 10/31/2014 Wellhead Install Date Service Comment **Wellhead Components** Make Model SN WP Top (psi) Casing Casing Description Set Depth (ftKB) Run Date Set Tension (kips) 329 10/31/2014 Surface Centralizers Scratchers Casing Components Mk-up Tq (ft•lb) OD (in) ID (in) Wt (lb/ft) Top Thread Jts Top (ftKB) Btm (ftKB) Max OD (in) Item Des Len (ft) Wellhead 8 5/8 8.097 24.00 J-55 ST&C 1.85 11.1 12.9 1 Cut Off 8.097 43.14 12.9 8 5/8 24.00 J-55 ST&C 1 56.1 Casing Joints 8 5/8 8.097 24.00 J-55 ST&C 5 225.70 56.1 281.8 ST&C Float Collar 8 5/8 8.097 24.00 J-55 1 1.00 281.8 282.8 Shoe Joint ST&C 44.75 327.5 8 5/8 8.097 24.00 J-55 282.8 Guide Shoe 8 5/8 8.097 24.00 J-55 ST&C 1.50 327.5 329.0 1 **Jewelry Details** External Casing Packer Inflation Method Equiv Hole Sz (in) etting Requirement Release Requirements Vol Inflation (gal) P ICV Act (psi) ECP Load (1000lbf) Inflation Fluid Type Infl FI Dens (lb/gal) P AV Set (psi) Seal Load (1000lbf) AV Acting Pressure (psi) P ICV Set (psi) Slotted Liner % Open Area (%) Perforation Min Dimension (in) Perforation Max Dimension (in) Axial Perf Spacing (ft) Perf Rows Blank Top Length (ft) Blank Bottom Length (ft) Slot Description Slot Pattern Slot Length (in) Slot Width (in) Slot Frequency Screen Gauge (ga) Liner Hanger Retrievable? Elastomer Type Element Center Depth (ft) Polish Bore Size (in) Polish Bore Length (ft) Slip Description Set Mechanics Setting Procedure Unsetting Procedure

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223 Well Name/Number GMBU G-1-9-17 Qtr/Qtr NE/NW Section 1 Township 95 Range 17E Lease Serial Number UTU-79014 API Number 43-047-53897 Spud Notice — Spud is the initial spudding of the well, not drilling out below a casing string.
Date/Time <u>10/31/14</u> <u>8:00</u> AM ⊠ PM □
Casing — Please report time casing run starts, not cementing times. Surface Casing Intermediate Casing Production Casing Liner Other
Date/Time <u>10/31/14</u> 3:00 AM ☐ PM ☒
BOPE Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other
Date/Time AM
Remarks

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS #1
Submitted By Alfredo Beltran Phone Number 435-401-1955
Well Name/Number GMBU G-1-9-17
Qtr/Qtr NE/NW Section 1 Township 9S Range 17E
Lease Serial Number UTU-79014
API Number 43-047-53897
TD Notice – TD is the final drilling depth of hole.

	se Serial Number <u>UTU-790</u> Number 43-047-53897	<u>14</u>	
<u>TD</u>	Notice – TD is the final dril	ling depth of h	ole.
	Date/Time <u>11/24/14</u>	<u>8:00</u> AM ⊠	PM 🗌
Cas time	sing – Please report time ca es. Surface Casing Intermediate Casing Production Casing Liner Other	sing run starts	, not cementing
	Date/Time <u>11/24/14</u>	<u>7:00</u> AM	PM 🛛

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	9	
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79014
SUNDR	RY NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly dreenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENW Section:	HIP, RANGE, MERIDIAN: 01 Township: 09.0S Range: 17.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
12/18/2014	l		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	completed operations. Clearly show all yas placed on production on hours.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 19, 2014
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE	
Jennifer Peatross	435 646-4885	Production Technician	
SIGNATURE N/A		DATE 12/19/2014	

Form 3160-4 (March 2012)

UNITED STATES

FORM APPROVED

						ENT OF T F LAND N										OMB NO	0. 1004-0137 ctober 31, 2014	
	W	ELL	COMI	PLET	TION OR	RECOMP	PLETI	ON REF	PORT	AND L	.og			- 1	ease Se	rial No.		
la. Type of \ b. Type of (Well Completion		New We	ell 🗖		er 🔲 Deepe	n 🔲 P	Other lug Back	☐ Diff	. Resvr.,						Allottee or T	Tribe Name t Name and No.	
2 11 64	2 .													UTL	J87538	3X		
2. Name of (NEWFIELD				/IPAN	Υ											me and Well 1-9-17	No.	
3. Address	ROUTE #3 B MYTON, UT	80X 36 84052	30						. Phone l h:435-6			ea code,)		PI Wel:			
4. Location	of Well (Re	eport l	ocation	clearly	and in acce	ordance with F	ederal r							10,	Field an	nd Pool or Exp NT BUTTE	ploratory	
At surface	679' FN	L 198	1' FWL	. (NE/I	NW,LOT	B) SEC 1 T98	S R17E	E (UTU-79	9014)					11. 3	Sec., T.,	R., M., on B		I.D.
At top pro-	d. interval r	eporte	d below	1438	3' FNL 152	7' FWL (SE/	NW) S	EC 1 T98	8 R17E	(UTU-7	9014)					or Parish	13. State	LB
At total de	1708'	FNL	1360' F	FWL (SE/NW) S	EC 1 T9S R	.17E (U	JTU-7901	4)						TAH		UT	
14. Date Spt 10/31/2014	ıdded			5. Dat 11/25/	e T.D. Read	hed		16. D	ate Comp	oleted 1	2/18/2	2014 2014		17. 1	Elevatio	ons (DF, RKI 5039' KB	B, RT, GL)*	
18. Total De	pth: MD		36'			Plug Back T.D		6185'	Бин				idge Plu	g Set:	MD	5009 KB		
21. Type El	ectric & Oth		chanical :			copy of each)	/IT BOI					as DST	run?	N N	0 🔲	Yes (Submit Yes (Submit Yes (Submit	report)	
23. Casing	and Liner R	lecord	(Report	t all str	ings set in v	vell)		l e. e								res (Submit	Соруј	
Hole Size	Size/Gra	_	Wt. (#/	_	Top (MD)		(MD)	Stage Ce Dep		Type	of Sks. of Cen	nent	Slurry (Bl		Cen	nent Top*	Amount P	ılled
12-1/4" 7-7/8"	8-5/8" J- 5-1/2" J-	\rightarrow	24 15.50	0,		329' 6210'				155 C 260 E		_			0'			
1-110	0-1/2 J	.55	15.50	- 10		0210				450Ex					U.			
												_						
24. Tubing	Record			_														
Size 2-7/8"	Depth S				Depth (MD)	Size		Depth Se	t (MD)	Packer	Depth (MD)	Siz	e	Dep	th Set (MD)	Packer Dep	th (MD)
25. Producir) IA	@596	0			26. Per	foration l	Record						111		
A) Green F	Formation	n		480	Top	Botton 5999'	m	Perf 4808' - 5	forated In		_	0.34	ize	No. I	Ioles		Perf. Status	
B)	(IVG)			14000	0	3999		4000 - 5	eee MI			0.34		07				
C)																		
D)																		
27. Acid, Fr	acture, Trea		, Cemen	t Sque	eze, etc.					Amount a	and Tyr	ne of M	[aterial					
4808' - 599				Frac	w/ 281,16	60#s of 20/40) white	sand in 2						4 stages	i			
				_														
				-														
28. Producti	on - Interva	al A																
Date First Produced	Test Date	Hours Tester		st oductio	Oil on BBL	Gas MCF	Wa BB		Oil Grav Corr. Al		Gas	s wity	Proc	luction N	lethod			
	1/1/15	24			120	82	52		Con. Ai	. 1	Gia	ivity	2.5	x 1.75	x 20 x	22 x 22 RH	IAC	
	Tbg. Press.	Csg.		Hr.	Oil	Gas	Wa	ıter	Gas/Oil		We	ll Statu	ıs					
	Flwg. SI	Press.	. Ra	ite	BBL	MCF	BB	L	Ratio		PF	RODU	CING					
28a. Produc																		
Date First Produced	Test Date	Hours Tester		est oductio	Oil BBL	Gas MCF	Wa BB		Oil Grav Corr. Al		Gas Gra	s avity	Pro	luction M	lethod			
Size	Tbg. Press. Flwg. SI	Csg. Press.		Hr.	Oil BBL	Gas MCF	Wa BB		Gas/Oil Ratio		We	ll Statu	Is					

^{*(}See instructions and spaces for additional data on page 2)

28b. Production - Interval C Date First Test Date Hours Test Oil Gas Water Oil Gravity Gas Production Method Produced Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg, Press. Rate BBL MCF BBL Ratio 28c. Production - Interval D Date First Test Date Hours Test Oil Gas Water Oil Gravity Produced Gas Production Method Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio 29. Disposition of Gas (Solid, used for fuel, vented, etc.) 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers GEOLOGICAL MARKERS Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Top Bottom Descriptions, Contents, etc. Name Meas. Depth GARDEN GULCH MARK 3869 **GARDEN GULCH 1** 4050 **GARDEN GULCH 2** 4169 POINT 3 4431 X MRKR 4666 Y MRKR 4704 DOUGLAS CREEK MRK 4843' BI CARBONATE MRK 5082' B LIMESTONE MRK 5222' CASTLE PEAK 5658' BASAL CARBONATE 6087 WASATCH 6209 32. Additional remarks (include plugging procedure): 33. Indicate which items have been attached by placing a check in the appropriate boxes: Electrical/Mechanical Logs (1 full set req'd.) Geologic Report ☐ DST Report ☑ Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other: Drilling daily activity 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name (please print) Heather Calder Regulatory Technician Title Date 01/05/2015 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

Sundry Number: 59732 API Well Number: 43047538970000

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 1 T9S, 17E

G-1-9-17

Wellbore #1

Design: Actual

End of Well Report

26 November, 2014





Payzone Directional

End of Well Report



Company: Project:

NEWFIELD EXPLORATION

USGS Myton SW (UT) Site: SECTION 1 T9S, 17E

G-1-9-17 Well: Wellbore: Wellbore #1 Design: Actual

Local Co-ordinate Reference:

TVD Reference: **MD** Reference: North Reference:

G-1-9-17 @ 5039.0usft (SS # 1)

True

Survey Calculation Method:

Minimum Curvature

Well G-1-9-17

EDM 5000.1 Single User Db

G-1-9-17 @ 5039.0usft (SS # 1)

Project

USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: Geo Datum:

US State Plane 1983 North American Datum 1983

Map Zone:

Utah Central Zone

System Datum:

Database:

Mean Sea Level

Site

SECTION 1 T9S, 17E

Site Position: From:

Lat/Long

Northing: Easting:

7,193,565.95 usft 2,072,254.87 usft

Latitude: Longitude:

40° 3' 28.710 N 109° 57' 25.530 W

Position Uncertainty:

0.0 usft

Slot Radius:

13-3/16 "

Grid Convergence:

0.99°

Well Position

Well

+N/-S +E/-W 0.0 usft 0.0 usft

G-1-9-17, SHL: 40 03 55.15 -109 57 26.28

Northing: Easting:

7,196,239.79 usft 2,072,150.42 usft Latitude: Longitude:

40° 3' 55.150 N 109° 57' 26.280 W

Position Uncertainty

0.0 usft

Wellhead Elevation:

5,039.0 usft

Ground Level:

5,028.0 usft

Wellbore

Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle	Field Strength (nT)
	IGRF2010	11/20/2014	10.83	65.75	51,961

Audit Notes:

Design

Version:

Actual

1.0

Phase:

ACTUAL

Tie On Depth:

0.0 Direction

Vertical Section:

Depth From (TVD) (usft) 0.0

(usft) 0.0

+N/-S +E/-W (usft) 0.0

(°) 211.11

Survey Program

Date 11/26/2014

6,236.0 Survey #1 (Wellbore #1)

To From

378.0

(usft) (usft) Survey (Wellbore) **Tool Name**

MWD

Description MWD - Standard

11/26/2014 8:17:19AM

Page 2

COMPASS 5000.1 Build 70



Payzone Directional

End of Well Report



Company: Project:

NEWFIELD EXPLORATION USGS Myton SW (UT)

Site:

SECTION 1 T9S, 17E

Well: Wellbore:

G-1-9-17 Wellbore #1 Actual

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well G-1-9-17

G-1-9-17 @ 5039.0usft (SS # 1) G-1-9-17 @ 5039.0usft (SS # 1)

True

Minimum Curvature

EDM 5000.1 Single User Db

Design: Survey

MD	Inc A	Azi (azimuth)							Section and the second
(usft)	(°)	(°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
378.0	0.88	184.90	378.0	2.6	-2.9	-0.2	0.23	0.23	0.00
408.0	1.54	215.53	408.0	3.2	-3.4	-0.5	3.01	2.20	102.10
439.0	2.24	224.58	439.0	4.2	-4.2	-1.2	2.45	2.26	29.19
470.0	2.29	224.54	469.9	5.4	-5.1	-2.0	0.16	0.16	-0.13
501.0	2.33	225.68	500.9	6.6	-6.0	-2.9	0.20		
531.0	2.55	225.46	530.9	7.9	-6.9	-3.8	0.73	0.13	3.68
562.0	2.42	224.71	561.9	9.2	-7.8	-4.8		0.73	-0.73
593.0	2.77	215.26	592.8	10.5	-8.9	-5.7	0.43	-0.42	-2.42
624.0	3.16	213.46	623.8	12.1	-10.2	-6.6	1.78	1.13	-30.48
654.0	3.65	216.01	652.7				1.29	1.26	-5.81
685.0	3.78	216.58	653.7	13.9	-11.7	-7.6	1.71	1.63	8.50
716.0	3.78		684.7	15.9	-13.3	-8.8	0.44	0.42	1.84
747.0	3.70	217.94	715.6	18.0	-14.9	-10.0	0.29	0.00	4.39
777.0		221.15	746.5	20.0	-16.5	-11.3	0.81	0.42	10.35
	4.35	219.75	776.4	22.1	-18.2	-12.7	1.50	1.47	-4.67
808.0	4.92	215.75	807.3	24.6	-20.2	-14.3	2.11	1.84	-12.90
839.0	5.01	216.76	838.2	27.3	-22.3	-15.9	0.40	0.29	3.26
870.0	5.19	214.78	869.1	30.0	-24.6	-17.5	0.81	0.58	-6.39
900.0	5.49	211.45	899.0	32.8	-26.9	-19.0	1.44	1.00	-11.10
931.0	5.32	208.45	929.8	35.8	-29.4	-20.4	1.06	-0.55	-9.68
962.0	5.63	205.78	960.7	38.7	-32.1				
992.0	5.93	205.07	990.5	41.7	-32.1 -34.8	-21.8	1.29	1.00	-8.61
1,023.0	6.20	206.04	1,021.4	45.0	-34.6 -37.7	-23.1	1.03	1.00	-2.37
1,054.0	6.68	209.68	1,052.2	48.4		-24.5	0.93	0.87	3.13
1,098.0	7.12	211.48	1,095.9	53.7	-40.8	-26.1	2.03	1.55	11.74
1 144 0				55.7	-45.4	-28.8	1.11	1.00	4.09
1,144.0	8.00	213.42	1,141.5	59.8	-50.5	-32.1	1.99	1.91	4.22
1,189.0	8.66	213.15	1,186.0	66.3	-55.9	-35.7	1.47	1.47	-0.60



Payzone Directional

End of Well Report



Company: Project:

NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 1 T9S, 17E Site:

Well: G-1-9-17 Wellbore: Wellbore #1 Design: Actual

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well G-1-9-17

G-1-9-17 @ 5039.0usft (SS # 1)

G-1-9-17 @ 5039.0usft (SS # 1)

True

Minimum Curvature

EDM 5000.1 Single User Db

			2000			Database.		EDIVI 3000. FORING	le Osei DD
MD usft)	Inc (°)	Azi (azimuth)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,233.0	9.71	212.85	1,229.4	73.3	-61.8	-39.5	2.39	2.39	-0.68
1,277.0	10.42	213.68	1,272.7	81.0	-68.2	-43.7	1.65	1.61	1.89
1,323.0	11.03	213.07	1,317.9	89.5	-75.4	-48.4	1.35	1.33	-1.33
1,369.0	11.73	211.84	1,363.0	98.6	-83.0	-53.3	1.61	1.52	-2.67
1,415.0	12.61	211.79	1,408.0	108.3	-91.3	-58.4	1.91	1.91	-0.11
1,460.0	12.96	211.66	1,451.9	118.3	-99.8	-63.6	0.78	0.78	-0.29
1,506.0	13.38	209.59	1,496.7	128.8	-108.8	-69.0	1.37	0.91	-4.50
1,552.0	13.58	208.41	1,541.4	139.5	-118.1	-74.2	0.74	0.43	-2.57
1,598.0	13.14	208.41	1,586.2	150.1	-127.5	-79.2	0.96	-0.96	0.00
1,644.0	12.83	207,57	1,631.0	160.4	-136.6	-84.1	0.79	-0.67	-1.83
1,687.0	12.48	206.08	1,672.9	169.8	-145.0	-88.3	1.11	-0.81	-3.47
1,733.0	12.17	202.61	1,717.9	179.5	-154.0	-92.4	1.75	-0.67	-7.54
1,777.0	12.26	201.46	1,760.9	188.7	-162.6	-95.9	0.59	0.20	-2.61
1,823.0	11.65	204.58	1,805.9	198.2	-171.4	-99.6	1.93	-1.33	6.78
1,867.0	11.78	208.01	1,849.0	207.1	-179.4	-103.5	1.61	0.30	7.80
1,912.0	12.35	211.57	1,893.0	216.5	-187.5	-108.2	2.08	1.27	7.91
1,958.0	12.83	211.37	1,937.9	226.5	-196.1	-113.4	1.05	1.04	-0.43
2,004.0	12.96	209.24	1,982.7	236.8	-204.9	-118.6	1.07	0.28	-4.63
2,050.0	13.14	208.94	2,027.5	247.1	-214.0	-123.7	0.42	0.39	-0.65
2,096.0	13.05	210.52	2,072.3	257.6	-223.1	-128.8	0.80	-0.20	3.43
2,141.0	13.10	211.40	2,116.2	267.7	-231.8	-134.1	0.46	0.11	1.96
2,187.0	13.47	211.31	2,160.9	278.3	-240.8	-139.6	0.81	0.80	-0.20
2,233.0	13.49	212.06	2,205.7	289.0	-249.9	-145.2	0.38	0.04	1.63
2,279.0	13.71	212.50	2,250.4	299.8	-259.1	-151.0	0.53	0.48	0.96
2,324.0	13.71	211.75	2,294.1	310.5	-268.1	-156.7	0.40	0.00	-1.67
2,370.0	13.62	211.53	2,338.8	321.4	-277.4	-162.4	0.23	-0.20	-0.48
2,416.0	13.18	209.90	2,383.5	332.0	-286.5	-167.8	1.26	-0.96	-3.54



Payzone Directional

End of Well Report



Company: Project: Site: NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 1 T9S, 17E

Well: G-1-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:

TVD Reference: MD Reference:

G-1-9-17 @ 5039.0usft (SS # 1)

North Reference: True
Survey Calculation Method: Minimur

Database:

Minimum Curvature

Well G-1-9-17

EDM 5000.1 Single User Db

G-1-9-17 @ 5039.0usft (SS # 1)

Actu	aı		The state of			Database:		EDM 5000.1 Sing	le User Db
						Under the same	unimbat sa		
MD usft)	Inc (°)	Azi (azimuth)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,462.0	13.01	207.88	2,428.3	342.4	-295.7	-172.8	1.06	-0.37	-4.39
2,508.0	13.36	209.37	2,473.1	352.9	-304.9	-177.9	1.06	0.76	3.24
2,553.0	13.10	211.62	2,516.9	363.2	-313.7	-183.1	1.28	-0.58	5.00
2,599.0	13.36	211.75	2,561.7	373.7	-322.7	-188.6	0.57	0.57	0.28
2,737.0	14.63	212.36	2,695.6	407.1	-351.0	-206.3	0.93	0.92	0.44
2,782.0	14.46	210.69	2,739.2	418.4	-360.6	-212.2	1.01	-0.38	-3.71
2,828.0	13.26	206.93	2,783.8	429.4	-370.3	-217.6	3.26	-2.61	-8.17
2,874.0	12.53	206.72	2,828.7	439.7	-379.4	-222.2	1.59	-1.59	-0.46
2,918.0	11.91	207.49	2,871.7	448.9	-387.7	-226.4	1.46	-1.41	1.75
2,964.0	11.91	207.66	2,916.7	458.4	-396.1	-230.8	0.08	0.00	0.37
3,009.0	12.17	208.41	2,960.7	467.8	-404.4	-235.3	0.67	0.58	1.67
3,055.0	12.70	212.01	3,005.6	477.7	-413.0	-240.2	2.04	1.15	7.83
3,099.0	13.40	214.52	3,048.5	487.6	-421.3	-245.7	2.05	1.59	5.70
3,145.0	14.24	215.40	3,093.1	498.6	-430.3	-252.0	1.88	1.83	1.91
3,191.0	14.69	215.11	3,137.7	510.0	-439.7	-258.6	0.99	0.98	-0.63
3,236.0	13.54	211.87	3,181.3	521.0	-448.8	-264.7	3.10	-2.56	-7.20
3,282.0	13.23	212.23	3,226.1	531.7	-457.8	-270.3	0.70	-0.67	0.78
3,328.0	14.02	214.87	3,270.8	542.5	-466.8	-276.3	2.19	1.72	5.74
3,374.0	14.46	217.37	3,315.4	553.7	-476.0	-283.0	1.64	0.96	5.43
3,420.0	14.85	217.46	3,359.9	565.3	-485.2	-290.1	0.85	0.85	0.20
3,465.0	14.59	213.77	3,403.4	576.7	-494.5	-296.7	2.16	-0.58	-8.20
3,511.0	13.80	213.15	3,448.0	588.0	-503.9	-302.9	1.75	-1.72	-1.35
3,555.0	13.71	213.73	3,490.7	598.4	-512.7	-308.7	0.37	-0.20	1.32
3,601.0	13.93	213.29	3,535.4	609.4	-521.8	-314.8	0.53	0.48	-0.96
3,645.0	13.58	212.14	3,578.1	619.9	-530.6	-320.4	1.01	-0.80	-2.61
3,691.0	14.33	213.51	3,622.8	631.0	-539.9	-326.5	1.78	1.63	2.98
3,735.0	14.59	214.60	3,665.4	641.9	-549.0	-332.6	0.86	0.59	2.48

Sundry Number: 59732 API Well Number: 43047538970000

NEWFIELD Payzone Directional

End of Well Report



Company: Project:

NEWFIELD EXPLORATION USGS Myton SW (UT)

Site:

SECTION 1 T9S, 17E

Well: Wellbore: Design:

G-1-9-17 Wellbore #1 Actual

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well G-1-9-17

G-1-9-17 @ 5039.0usft (SS # 1)

G-1-9-17 @ 5039.0usft (SS # 1)

True

Minimum Curvature

EDM 5000.1 Single User Db

Survey

MD usft)	(°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,781.0	14.55	213.15	3,709.9	653.5	-558.6	-339.1	0.80	-0.09	-3.15
3,826.0	13.80	211.88	3,753.5	664.5	-567.9	-345.0	1.80	-1.67	-2.82
3,872.0	13.49	209.42	3,798.2	675.3	-577.3	-350.5	1.43	-0.67	-5.35
3,918.0	13.23	209.24	3,843.0	686.0	-586.5	-355.7	0.57	-0.57	-0.39
3,962.0	13.27	210.17	3,885.8	696.1	-595.3	-360.7	0.49		
4,008.0	13.93	209.29	3,930.5	706.9	-604.7	-366.1	1.50	0.09	2.11
4,054.0	14.02	209.42	3,975.2	718.0	-614.4	-371.5		1.43	-1.91
4,099.0	13.75	211.53	4,018.9	728.8	-623.7	-377.0	0.21	0.20	0.28
4,145.0	13.84	210.91	4,063.5	739.7	-633.1	-382.7	1.28	-0.60	4.69
4,191.0	13.93	211.40					0.38	0.20	-1.35
4,237.0	13.58		4,108.2	750.8	-642.5	-388.4	0.32	0.20	1.07
4,283.0	13.27	211.48	4,152.9	761.7	-651.8	-394.1	0.76	-0.76	0.17
4,328.0		211.66	4,197.6	772.4	-660.9	-399.7	0.68	-0.67	0.39
	12.61	210.96	4,241.5	782.5	-669.5	-404.9	1.51	-1.47	-1.56
4,374.0	11.82	208.63	4,286.4	792.2	-678.0	-409.8	2.02	-1.72	-5.07
4,420.0	11.25	208.72	4,331.5	801.4	-686.1	-414.2	1.24	-1.24	0.20
4,466.0	11.03	207.62	4,376.6	810.3	-693.9	-418.4	0.66	-0.48	
4,512.0	11.06	207.32	4,421.8	819.1	-701.7	-422.4	0.14		-2.39
4,557.0	11.30	207.18	4,465.9	827.8	-709.5	-426.4	0.54	0.07	-0.65
4,603.0	11.73	205.82	4,511.0	836.9	-717.7	-430.5	1.11	0.53	-0.31
4,649.0	11.82	205.86	4,556.0					0.93	-2.96
4,694.0	12.04	209.42		846.3	-726.1	-434.6	0.20	0.20	0.09
4,738.0	12.22	209.42	4,600.1	855.5	-734.4	-438.9	1.71	0.49	7.91
4,784.0	12.22		4,643.1	864.8	-742.4	-443.5	0.46	0.41	-1.00
4,830.0	12.79	212.41	4,688.0	874.5	-750.8	-448.4	1.58	0.00	7.46
	12.79	212.67	4,732.9	884.5	-759.2	-453.8	1.25	1.24	0.57
4,876.0	12.66	211.97	4,777.8	894.6	-767.8	-459.2	0.44	-0.28	4.50
4,921.0	12.66	210.39	4,821.7	904.5	-776.2	-464.3	0.77	0.00	-1.52
4,967.0	13.05	209.55	4,866.6	914.7	-785.1	-469.4	0.94	0.00	-3.51 -1.83



Payzone Directional

End of Well Report



Company: Project: NEWFIELD EXPLORATION

Site:

USGS Myton SW (UT) SECTION 1 T9S, 17E

Well: Wellbore: G-1-9-17 Wellbore #1

Design: Actual

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well G-1-9-17

G-1-9-17 @ 5039.0usft (SS # 1) G-1-9-17 @ 5039.0usft (SS # 1)

True

Minimum Curvature

EDM 5000.1 Single User Db

Survey

12.88 12.42 12.17 11.91 12.12 12.61 12.79 13.36 13.54 13.36	208.58 208.65 206.69 207.49 210.14 214.34 213.24 212.14 210.65	(usft) 4,909.4 4,954.3 4,999.3 5,044.3 5,088.3 5,133.2 5,176.1 5,220.9	924.6 934.6 944.4 954.0 963.3 973.2 982.8	-793.7 -802.5 -811.2 -819.8 -828.0 -836.3	-474.2 -479.0 -483.6 -488.0 -492.5 -497.7	(°/100usft) 0.63 1.00 1.06 0.67 1.31	-0.39 -1.00 -0.54 -0.57 0.47	Turn (°/100usft) -2.20 0.15 -4.26 1.74 5.89
12.42 12.17 11.91 12.12 12.61 12.79 13.36 13.54	208.65 206.69 207.49 210.14 214.34 213.24 212.14	4,954.3 4,999.3 5,044.3 5,088.3 5,133.2 5,176.1	934.6 944.4 954.0 963.3 973.2	-802.5 -811.2 -819.8 -828.0 -836.3	-479.0 -483.6 -488.0 -492.5	1.00 1.06 0.67	-1.00 -0.54 -0.57	0.15 -4.26 1.74
12.17 11.91 12.12 12.61 12.79 13.36 13.54	206.69 207.49 210.14 214.34 213.24 212.14	4,999.3 5,044.3 5,088.3 5,133.2 5,176.1	944.4 954.0 963.3 973.2	-811.2 -819.8 -828.0 -836.3	-483.6 -488.0 -492.5	1.06 0.67	-0.54 -0.57	-4.26 1.74
11.91 12.12 12.61 12.79 13.36 13.54	207.49 210.14 214.34 213.24 212.14	5,044.3 5,088.3 5,133.2 5,176.1	954.0 963.3 973.2	-819.8 -828.0 -836.3	-488.0 -492.5	0.67	-0.57	-4.26 1.74
12.12 12.61 12.79 13.36 13.54	210.14 214.34 213.24 212.14	5,088.3 5,133.2 5,176.1	963.3 973.2	-819.8 -828.0 -836.3	-488.0 -492.5	0.67	-0.57	1.74
12.61 12.79 13.36 13.54	214.34 213.24 212.14	5,133.2 5,176.1	973.2	-828.0 -836.3	-492.5			
12.79 13.36 13.54	213.24 212.14	5,176.1		-836.3		1.51		E 00
13.36 13.54	212.14					2.22		
13.54		5,220.9		-844.3	-503.1	2.23 0.69	1.07	9.13
13.54		5,220.9	202.2			0.69	0.41	-2.50
	210.00		993.2	-853.1	-508.7	1.35	1.24	-2.39
15.50	210.90	5,264.7	1,003.7	-862.0	-514.2	0.87	0.40	-3.31
12.90		5,309.4	1,014.4	-871.2	-519.6	0.41	-0.39	0.54
				-880.5	-525.2	1.19	1.15	-1.30
12.48	213.43	5,397.0	1,035.3	-889.1	-530.4	3.59	-3.20	7.11
12.30	214.82	5,441.9	1,045.1	-897.2	-536.0	0.76	0.20	
12.57	216.20	5,485.9	1,054.8					3.02
12.39	215.04	5,530.8	1,064.7					3.07
13.01	212.06	5,575.7						-2.52
14.06	212.63	5,620.4						-6.48
14 85	214.24	5.004.0	,		-556.7	2.30	2.28	1.24
					-564.9	2.00	1.76	3.80
				-949.8	-571.6	0.30	0.20	0.87
			1,120.3	-959.5	-578.3	0.68	-0.67	0.17
			1,131.8	-968.9	-584.8	0.90	-0.76	-1.89
14.06	213.99	5,840.1	1,142.5	-977.9	-590.8	0.50	-0.50	0.09
13.93	214.12	5,883.8	1,153.4	-986.9	-596 9	0.30		
12.92	213.29	5,926.5						0.29
12.35	211.04	5,969.5						-1.89
12.08	207.57							-5.11
11.89								-7.54
	12.57 12.39 13.01 14.06 14.85 14.94 14.63 14.28 14.06 13.93 12.92 12.35	13.89 210.30 12.48 213.43 12.30 214.82 12.57 216.20 12.39 215.04 13.01 212.06 14.06 212.63 14.85 214.34 14.94 214.74 14.63 214.82 14.28 213.95 14.06 213.99 13.93 214.12 12.92 213.29 12.35 211.04 12.08 207.57	13.89 210.30 5,354.2 12.48 213.43 5,397.0 12.30 214.82 5,441.9 12.57 216.20 5,485.9 12.39 215.04 5,530.8 13.01 212.06 5,575.7 14.06 212.63 5,620.4 14.85 214.34 5,664.0 14.94 214.74 5,708.4 14.63 214.82 5,752.9 14.28 213.95 5,797.4 14.06 213.99 5,840.1 13.93 214.12 5,883.8 12.92 213.29 5,926.5 12.35 211.04 5,969.5 12.08 207.57 6,014.4	13.89 210.30 5,354.2 1,025.2 12.48 213.43 5,397.0 1,035.3 12.30 214.82 5,441.9 1,045.1 12.57 216.20 5,485.9 1,054.8 12.39 215.04 5,530.8 1,064.7 13.01 212.06 5,575.7 1,074.8 14.06 212.63 5,620.4 1,085.6 14.85 214.34 5,664.0 1,096.8 14.94 214.74 5,708.4 1,108.6 14.63 214.82 5,752.9 1,120.3 14.28 213.95 5,797.4 1,131.8 14.06 213.99 5,840.1 1,142.5 13.93 214.12 5,883.8 1,153.4 12.92 213.29 5,926.5 1,163.6 12.35 211.04 5,969.5 1,173.2 12.08 207.57 6,014.4 1,182.9	13.89 210.30 5,354.2 1,025.2 -880.5 12.48 213.43 5,397.0 1,035.3 -889.1 12.30 214.82 5,441.9 1,045.1 -897.2 12.57 216.20 5,485.9 1,054.8 -905.1 12.39 215.04 5,530.8 1,064.7 -913.2 13.01 212.06 5,575.7 1,074.8 -921.6 14.06 212.63 5,620.4 1,085.6 -930.7 14.85 214.34 5,664.0 1,096.8 -940.1 14.94 214.74 5,708.4 1,108.6 -949.8 14.63 214.82 5,752.9 1,120.3 -959.5 14.28 213.95 5,797.4 1,131.8 -968.9 14.06 213.99 5,840.1 1,142.5 -977.9 13.93 214.12 5,883.8 1,153.4 -986.9 12.92 213.29 5,926.5 1,163.6 -995.4 12.35 211.04 5,969.5 1,173.2 -1,003.5 12.08 207.57 6,014.4 <	13.89 210.30 5,354.2 1,025.2 -880.5 -525.2 12.48 213.43 5,397.0 1,035.3 -889.1 -530.4 12.30 214.82 5,441.9 1,045.1 -897.2 -536.0 12.57 216.20 5,485.9 1,054.8 -905.1 -541.6 12.39 215.04 5,530.8 1,064.7 -913.2 -547.4 13.01 212.06 5,575.7 1,074.8 -921.6 -553.0 14.06 212.63 5,620.4 1,085.6 -930.7 -558.7 14.85 214.34 5,664.0 1,096.8 -940.1 -564.9 14.94 214.74 5,708.4 1,108.6 -949.8 -571.6 14.63 214.82 5,752.9 1,120.3 -959.5 -578.3 14.28 213.95 5,797.4 1,131.8 -968.9 -584.8 14.06 213.99 5,840.1 1,142.5 -977.9 -590.8 13.93 214.12 5,883.8 1,153.4 -986.9 -596.9 12.92 213.29	13.89 210.30 5,354.2 1,025.2 -880.5 -525.2 1,19 12.48 213.43 5,397.0 1,035.3 -889.1 -530.4 3.59 12.30 214.82 5,441.9 1,045.1 -897.2 -536.0 0.76 12.57 216.20 5,485.9 1,054.8 -905.1 -541.6 0.89 12.39 215.04 5,530.8 1,064.7 -913.2 -547.4 0.67 13.01 212.06 5,575.7 1,074.8 -921.6 -553.0 1.96 14.06 212.63 5,620.4 1,085.6 -930.7 -558.7 2.30 14.85 214.34 5,664.0 1,096.8 -940.1 -564.9 2.00 14.94 214.74 5,708.4 1,108.6 -949.8 -571.6 0.30 14.63 214.82 5,752.9 1,120.3 -959.5 -578.3 0.68 14.28 213.95 5,797.4 1,131.8 -968.9 -584.8 0.90 14.06 213.99 5,840.1 1,142.5 -977.9 -590.8	13.89 210.30 5,354.2 1,025.2 -880.5 -525.2 1,19 1,15 12.48 213.43 5,397.0 1,035.3 -889.1 -530.4 3.59 -3.20 12.30 214.82 5,441.9 1,045.1 -897.2 -536.0 0.76 -0.39 12.57 216.20 5,485.9 1,054.8 -905.1 -541.6 0.89 0.60 12.39 215.04 5,530.8 1,064.7 -913.2 -547.4 0.67 -0.39 13.01 212.06 5,575.7 1,074.8 -921.6 -553.0 1.96 1.35 14.06 212.63 5,620.4 1,085.6 -930.7 -558.7 2.30 2.28 14.85 214.34 5,664.0 1,096.8 -940.1 -564.9 2.00 1.76 14.94 214.74 5,708.4 1,108.6 -949.8 -571.6 0.30 0.20 14.63 214.82 5,752.9 1,120.3 -959.5 -578.3 0.68 -0.67 14.28 213.95 5,797.4 1,131.8 -9



Payzone Directional

End of Well Report



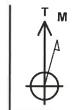
Well G-1-9-17 **NEWFIELD EXPLORATION** Local Co-ordinate Reference: Company: Project: USGS Myton SW (UT) TVD Reference: G-1-9-17 @ 5039.0usft (SS # 1) Site: SECTION 1 T9S, 17E G-1-9-17 @ 5039.0usft (SS # 1) MD Reference: Well: G-1-9-17 North Reference: True Wellbore: Wellbore #1 **Survey Calculation Method:** Minimum Curvature EDM 5000.1 Single User Db Design: Actual Database: Survey MD Azi (azimuth) TVD V. Sec N/S E/W DLeg Inc Build Turn (usft) (°) (usft) (usft) (usft) (°/100usft) (°/100usft) (°/100usft) (°) (usft) 6,102.5 6,236.0 11.89 206.34 1,201.5 -1,028.6 -620.8 0.00 0.00 0.00

Checked By:	Approved By:	Date:	D

NEWFIELD

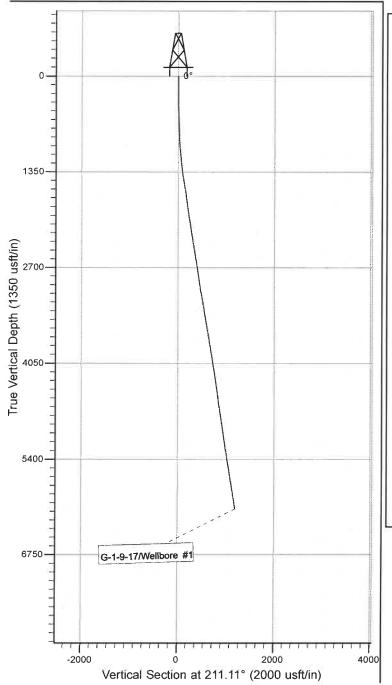
Project: USGS Myton SW (UT) Site: SECTION 1 T9S, 17E Well: G-1-9-17

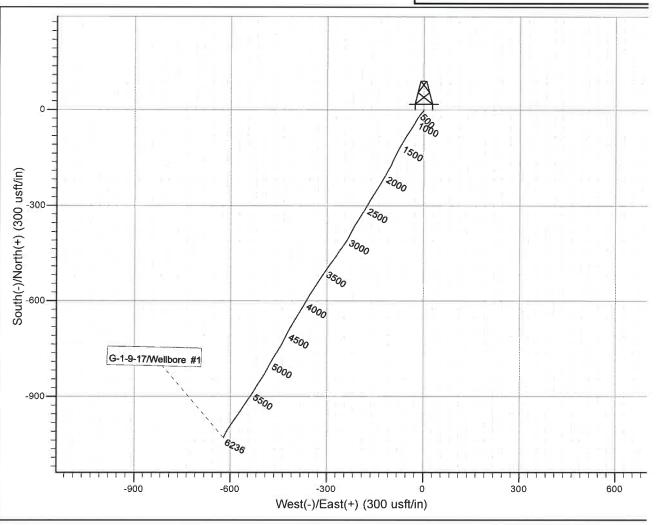
Wellbore: Wellbore #1
Design: Actual



Azimuths to True North Magnetic North: 10.83°

Magnetic Field Strength: 51960.7snT Dip Angle: 65.75° Date: 11/20/2014 Model: IGRF2010







Design: Actual (G-1-9-17/Wellbore #1)

Created By: Matthew Linton

Date:

8:17, November 26

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

NEV	VFIELD
**************************************	o progression de situationes.

Summary Rig Activity

Well Name: GMBU G-1-9-17

Job Category	Job Start Date	Job End Date

aily Operatio	ns		
eport Start Date	Report End Date	24hr Activity Summary	
12/3/2014	12/4/2014	Run CBL. Press test, Perforate 1st Stage	
art Time	06:00	End Time 08:30	Comment RU EXTREME WIRELINE, MU & RIH W/ CEMENT BOND LOG TOOLS, TAG @ 6164', PBTD @ 66185', LOG WELL W/ 0 PSI, LOG SHORT JOINT @ 3596-3612', ESTIMATED CEMENT TOP @ SURFACE LD LOGGING TOOLS, SWI
art Time	08:30	End Time 11:00	Comment RU B&C QUICK TEST. TEST UNIT, TEST HYD CHAMBERS ON BOPS, TEST CSG, FRAC STACK & ALL COMPONENTS TO 250 PSI 5-MIN LOW & 4300 PSI 10 & 30-MIN HIGHS, ALL GOOD
art Time	11:00	End Time 12:00	Comment MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (.34 EHD, 16 GR CHG, 21" PEN, 3 SPF), PERFORATE CP-FORMATION @ 5995-99', & CP-4 @ 5930-32', (18 HOLES), POOH W/WIRELINE, LD PERF GUNS, SWI, RIWIRELINE
art Time	12:00	End Time 00:00	Comment SDFN
eport Start Date 12/6/2014	Report End Date 12/7/2014	24hr Activity Summary Frac & Flow back Well	
tart Time	00:00	End Time 06:00	Comment SDFN
tart Time	06:00	End Time 07:00	Comment RU Halliburton Frac. Press test Lines & Pump To 5000psi Set Kick Outs to 4200psi
art Time	07:00	End Time 07:30	Comment (Stg #1 17#) Frac CP-4/5 Formations W/ 54.740# 20/40 white sand & 632 bbls pumped ISIP 1946 psi w/ .79 FG
art Time	07:30	End Time 08:15	Comment (Stg #2) RU Extreme wireline, Press test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns (.34 EHD, 120 deg phasing, 16 gram charges, 3 spf), Set CFT Plug @ 5860' Perforate CP-2 Formation @ 5779-83', & the CP-1 @ 5749-51', 5721-22', (22-Holes)', POOH RD wireline, SWI
art Time	08:15	End Time 08:45	Comment (Stg #2 17# Frac) Frac CP-1/2 W/68,520# 20/40 White Sand & pump 638 total bbls. ISIP 1737 psi W/ .75 FG
art Time	08:45	End Time 09:30	Comment (Stg #3) RU The Extreme wireline, Press test lube to 4,000 psi, MU RIH W/ CFTP & 3 1/8" disposable slick guns (.34 EHD, 180 deg phasing, 16 gram charges, 2 spf), Set CFTP @ 5260' & Perforate the B-1 Formation @ 5181-85', & The D-2 @ 4919-20', 4913-14', (12-Holes) POOH RD wireline, SWI
art Time	09:30	End Time 14:30	Comment Repair Leak In Blender line w/ welder
art Time	14:30	End Time 15:00	Comment (Stg #3 17# Frac) D-2 & B-1 formations W/ 47,000# 20/40 White Sand & pump 526 total bbls ISIP 1612 psi W/.73 FG
art Time	15:00	End Time 15:45	Comment (Stg #4) RU Extreme wireline, Press test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns (.34 EHD, 180 deg phasing, 16 gram charges, 2 spf), Set CFT Plug @ 4880' Perforate DS Formation @ 4830-32', 4816-20', 4808-10', (16-Holes)', POOH RD wireline, SWI
art Time	15:45	End Time 16:15	Comment (Stg #4 17# Frac) DS formations W/110,900# 20/40 White Sand & pump 939 total bbls ISIP 1980 psi W/ .80 Fo
art Time	16:15	End Time 20:15	Comment Open Well To Pit on 16/64 Choke Flow back @ 3 BPM Flow back 640 bbls
art Time	20:15	End Time 00:00	Comment SDFN

NEWFIELD



Summary Rig Activity

Well Name: GMBU G-1-9-17

ily Operation	ns			
ort Start Date	Report End Date 24hr	Activity Summary	I TO SHIP SHIP SHIP SHIP	
12/7/2014	12/8/2014 Set	KP. CWI Lock Out Valve	S	
Time	00:00	End Time	16:00	Comment SDFN
Time	16:00	End Time	47.00	Comment
Time	16:00	End Time	17:00	RU W/L RIH W/ CBP Set CBP @ 4720' Bleed down well POOH RD W/L CWI Lock out tag out valves
	17:00		00:00	SDFN
Start Date 2/12/2014		Activity Summary Frac bValve NU BOPs P	ress test BOPs	
ime	00.00	End Time	40.00	Comment
ime	00:00	End Time	10:00	SDFN Comment
	10:00		11:00	ND Frac Valve NU BOPs
ime	11:00	End Time	12:30	Comment RU B&C Press test BOPs @275psi low 5000psi high Good Test RD B&C CWI
me	12:30	End Time	00:00	Comment
Start Date	Report End Date 24hr	Activity Summary		1
/16/2014	12/17/2014 MIF	RU UNload Prep & Tally F	ipe PU RIH Drill Plugs C	
me	00:00	End Time	03:30	Comment SDFN
me	03:30	End Time	04:30	Comment LOAM from F-11-9-17 to G-1-9-17
me		End Time		Comment
me	04:30	End Time	05:30	Crew Travel & safety mtg
inc	05:30	Lind Time	07:00	RU rig, RU floor & tbg equip & RU pump & hoses.
me	07:00	End Time	09:00	Comment Wait on Pipe racks, Unload tbg onto pipe racks, prep & talley tbg.
me	09:00	End Time	12:00	Comment PU & TIH w/used 4-3/4" chomp bit, sub, PSN, 92 jts tbg. Prep & talley the rest of the tbg a total of 193 jts, PU TIH to KP @4720' jt 144, tag plug & RU Graco Power Swivel.
me	12:00	End Time	14:30	Comment Drill KP in 17 min circ well & take lunch break. Cont PU & TIH to 2nd plug @4870' jt 148, drill plug in 20 min well for 10 min & cont PU & TIH to 3rd plug @5250' jt 160, drill plug in 16 min circ well for 15 min.
ne	14:30	End Time	16:30	Comment Hang Back Power swivel & Cont PU & TIH to 4th plug @5860' jt 178, drill plug in 17 min circ well clean.
ne	16:30	End Time	17:30	Comment Hang back power swivel & LD 6 jts tbg, Drain pump & Hoses & RU Well heater & tarp. SDFN@5:30pm
ne	17:30	End Time	18:30	Comment Crew Trave!
ne		End Time		Comment
Start Date	18:30 Report End Date 24hr.	Activity Summary	00:00	SDFN
/17/2014		sh Clean Out Trip & Land	Tbg PU & RIH W/ 3/4"	
ne	00:00	End Time	06:00	Comment SDFN
me	06:00	End Time	07:00	Comment
	06:00		07:00	Crew Travel & Safety mtg

Report Printed: 1/5/2015

NEWFIELD

Summary Rig Activity

Well Name: GMBU G-1-9-17

Start Time		End Time		Comment
	07:00		10:00	Check Pressure on well, 50 psi all around, bleed off well to flat tank & pump 30 bbls down tbg, PU & TIH to PBTD @6185' jt 188, tag sand @6140' jt 187, Clean out 45' fill to PBTD Circ well clean of sand, Rack out Power swivel & LD extra tbg.
Start Time	10:00	End Time	11:30	Comment TOOH w/tbg total of 183 jts, LD Bit & sub, PSN,
Start Time	11:30	End Time	14:00	Comment TIH w/BHA as follows - NC, 1 jt, PSN, 1 jt, TAC, 181 jts tbg, Pre set TAC good, Land well w/donut & ND pipe rams & blind ram, Unland donut & set TAC w/18000 # Tension, Top TAC @5968', Top PSN @6003', EOT @6038', 146' Rat hole to PBTD @6185', land well w/Donut & lock pins, XO to rod equip.
Start Time	14:00	End Time	16:30	Comment Flush tbg w/40 bbls, PU & Stroke test New Weatherford ALS pump good - 2.5x1.75x RHACx20x22x22, PU & TIH w/30 - 7/8" 8per, 128 - 3/4" 4per, PU 1-1/2" x 30' SM Polish rod, SWION Tarp well & set up heater. SDFN
Start Time	16:30	End Time	17:30	Comment Crew Travel
Start Time	17:30	End Time	00:00	Comment SDFN
Report Start Date 12/18/2014	Report End Date 12/18/2014	24hr Activity Summary Finish RIH W/ Rods POP		
Start Time	00:00	End Time	06:00	Comment SDFN
Start Time	06:00	End Time	07:00	Comment Crew Travel & Safety mtg
Start Time	07:00	End Time	09:00	Comment Check pressure on well 100 psi all around bleed off well, LD polish rod & cont PU 7/8" rods. Rod string as follows - Pump, 30 - 7/8" 8per, 128 - 3/4" 4per, 80 - 7/8" 4per, 8', 4', 2' x 7/8" Ponys, PU 1-1/2" x 30' SM Polish Rod w/acc, stroke test pump to 800 psi good, Hole was full,
Start Time	09:00	End Time	10:00	Comment RU PU & stroke test again good, RD rig ready to PWOP w/145" sl @ 5spm